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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1792***
For each additional sheet over 30	**$20**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*))	**$269**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**269 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and
- ordering copies in paper, or electronic form of a document.

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé℠, par Xpresspost℠ ou par voie électronique en utilsant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of June 20, 2017 contains applications open to public inspection from June 4, 2017 to June 10, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 20 juin 2017 contient les demandes disponibles au public pour consultation pour la période du 4 juin 2017 au 10 juin 2017.

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[72] MORENO, CESAR E., JR., US
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[72] JAUTARD, YVES, FR
[73] ARCELORMITTAL - STAINLESS AND NICKEL ALLOYS, FR
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[54] **METHODE ET APPAREIL POUR LA DETECTION DE DEPOTS D'HYDROCARBURES**
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[73] SKY HUNTER CORPORATION, CA
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[73] GOTOHTI.COM INC., CA
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[54] **PROCEDE ET SYSTEME PERMETTANT D'ELIMINER LE SULFURE D'HYDROGENE (H2S) D'UN FLUX DE GAZ NATUREL**
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[54] **SYSTEME DE TRANSMISSION DE RADIODIFFUSION ET/OU DE RECEPTION NUMERIQUE POUR AMELIORER LA PERFORMANCE DE RECEPTION ET PROCEDE DE TRAITEMENT DE SIGNAUX**
[72] CHANG, YONG-DEOK, KR
[72] JEONG, HAE-JOO, KR
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[54] **PROCEDE DE DETECTION SIMULTANEE DE MULTIPLES SEQUENCES D'ACIDES NUCLEIQUES DANS UN ECHANTILLON**
[72] REIJANS, MARTINUS GERARDUS CECILIA MARIA, NL
[72] DINGEMANS, GIJS JOSEPHUS HENRICUS, NL
[72] SIMONS, AUGUSTINUS FRANCISCUS MARIA, NL
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[54] **PROCEDES ET APPAREIL POUR CALCULER LE CRC POUR PLUSIEURS BLOCS DE CODE DANS UN SYSTEME DE COMMUNICATION**
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[54] **PROCEDE POUR DETERMINER UNE QUALITE DE DONNEES SISMIQUES**
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[54] **CALCUL A BASE DE GRAPHE TRANSACTIONNEL AVEC MANIPULATION D'ERREUR**
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[72] DAIGLE, RONALD ELVIN, US
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[54] **CANULE TRANSSEPTALE EN DEUX MORCEAUX, SYSTEME D'ADMINISTRATION ET PROCEDE CONNEXE**
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[72] OLSON, SCOTT A., US
[72] DUSBABEK, ANDREW J., US
[72] HUDGINS, ROBERT G., US
[72] JUNG, ELIZABETH, US
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[54] **SYSTEME ET PROCEDE POUR SUIVRE UN CHANGEMENT TISSULAIRE PENDANT UN TRAITEMENT HIFU**
[72] CHEN, WO-HSING, US
[72] CARLSON, ROY, US
[72] WEIS, CLINT C., US
[72] SEIP, RALF, US
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[54] **ANTICORPS MONOCLONAUX SPECIFIQUES DE L'HEMAGGLUTININE DU VIRUS GRIPPAL**
[72] MOSTE, CATHERINE, FR
[72] LEGASTELOIS, ISABELLE, FR
[72] CHEVALIER, MICHEL, FR
[72] THION, LAURENT, FR
[73] SANOFI PASTEUR, FR
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[72] KASVIKIS, DINO, US
[73] TYCO HEALTHCARE GROUP LP, US
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[54] **DERIVES DE PYRIMIDINE COMME INHIBITEURS DE PROTEINE KINASES**
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[72] JONES, STUART DONALD, GB
[72] FLYNN, CLAIRE JUNE, GB
[72] THOMAS, MICHEAL GEORGE, GB
[73] CYCLACEL LIMITED, GB
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[54] **STRUCTURES ET DISPOSITIFS A FILM MINCE ET A PROFIL MODIFIE**
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[72] SCHER, ERIK, US
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[72] CHANDRA, ADITI, US
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[54] **REPARATION ET REGENERATION DU TISSU RENAL AU MOYEN DE CELLULES PROVENANT DE TISSUS DE CORDON OMBILICAL HUMAIN**
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[72] GOSIEWSKA, ANNA, US
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[72] CARRUTHERS, BILL, US
[72] COTNOIR, BENOIT, US
[72] LEHOUX, PAUL, CA
[72] MCCORKLE, RICHARD, US
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[54] **MATIERE ALIMENTAIRE UTILISEE POUR INHIBER LA RESORPTION OSSEUSE**
[72] SERIZAWA, ATSUSHI, JP
[72] MORITA, YOSHIKAZU, JP
[72] UETSUJI, DAISUKE, JP
[72] ONO, AIKO, JP
[72] MATSUYAMA, HIROAKI, JP
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[72] BRUINSMA, IAN JOHN, AU
[73] IMPEDIMED LIMITED, AU
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[54] **FOOD MATERIAL FOR INHIBITING OSTEOCLASTOGENESIS**
[54] **MATIERE D'ALIMENT POUR INHIBER LA CREATION D'OSTEOCLASTE**
[72] SERIZAWA, ATSUSHI, JP
[72] MORITA, YOSHIKAZU, JP
[72] UETSUJI, DAISUKE, JP
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[54] **PARTICULES HYPERCOMPRIMEES POUR LIBERATION CONTROLEE DE MEDICAMENTS OPHTALMIQUES**
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[72] CHEN, WEILIAM, US
[73] SUSTAINED NANO SYSTEMS LLC, US
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[54] **COLLIER DE SERRAGE A DOUBLE VERROUILLAGE ET SON PROCEDE DE FORMATION**
[72] DORNEMAN, CASEY JAMES, US
[72] MARELIN, MIKLOS BALAZS, US
[73] BAND-IT-IDEX, INC., US
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[73] MAXITRANS AUSTRALIA PTY LTD, AU
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[54] **STATION DE SERVEUR MOBILE ET SA METHODE DE CONFIGURATION**
[72] NOISEUX, DANIEL, CA
[72] MAHEU, PIERRE, CA
[72] LAMPRON, FRANCOIS, CA
[72] NEVEU, ALAIN, CA
[72] LACERTE, JOSEPH, CA
[73] 6943977 CANADA INC., CA
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[54] **SYSTEME ET METHODE AFFICHANT UN SON SOUS FORME DE VIBRATIONS**
[72] KARAM, MARIA, CA
[72] FELS, DEBORAH I., CA
[72] RUSSO, FRANK A., CA
[73] KARAM, MARIA, CA
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[72] KHANDEKAR, AAMOD, US
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[72] BHUSHAN, NAGA, US
[72] PALANKI, RAVI, US
[73] QUALCOMM INCORPORATED, US
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[54] **METHODE ET APPAREILS DE PROTECTION DE MEDIAS DE BOUT A BORD DANS UN SYSTEME IMS**
[72] BARRIGA, LUIS, SE
[72] BLOM, ROLF, SE
[72] CHENG, YI, SE
[72] NASLUND, MATS, SE
[72] NORRMAN, KARL, SE
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[73] IRONJAW, PT
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[54] **METHOD AND APPARATUS TO MONITOR REFORMATION AND REPLACEMENT OF CO2/CH4 GAS HYDRATES**
[54] **METHODE ET APPAREIL POUR SURVEILLER LA REFORMATION ET LE REMPLACEMENT D'HYDRATES DE GAZ CO2/CH4**
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[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **MANCHON TEXTILE PROTECTEUR A MULTICOUCHE ET SON PROCEDE DE FABRICATION**
[72] HARRIS, DAVID A., US
[72] THIEROLF, G. CHRISTOPHER, US
[72] WINTERS, DANNY, US
[73] FEDERAL-MOGUL POWERTRAIN, INC., US
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[72] GRITZAN, UWE, DE
[72] KIRCHNER, KORNELIA, DE
[72] STRERATH, MICHAEL, DE
[72] BARAL, KERSTIN, DE
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[72] COCO, WAYNE M., DE
[72] STEINIG, SUSANNE, DE
[72] SCHEIDIG, ANDREAS, DE
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[72] HOBBS, TERRY R., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **LOGEMENT CYLINDRIQUE MODULAIRE COMPORTANT DES RECEPTACLES D'ALIMENTATION AJUSTABLES VERTICALEMENT**
[72] VAN BUUREN, DARREN, CA
[73] POLY DOME ONTARIO INC., CA
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[54] **USE OF PLANT EXTRACTS COMPRISING ANTHOCYANOSIDES AND PROANTHOCYANIDINS FOR THE TREATMENT OF ELEVATED INTRAOCULAR PRESSURE**
[54] **UTILISATION D'EXTRAITS VEGETAUX RENFERMANT DES ANTHOCYANOSIDES ET DES PROANTHOCYANIDINES DESTINES AU TRAITEMENT DE LA PRESSION INTRAOCULAIRE ELEVEE**
[72] FERRARI, VICTOR, CH
[72] MALANDRINO, SALVATORE, IT
[72] BURKI, CAROLINA, CH
[72] SCHOENLAU, FRANK, DE
[73] INDENA S.P.A., IT
[73] HORPHAG RESEARCH IP (MIR) LTD, CY
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[54] **ELECTROMAGNETIC DEVICE WITH REVERSIBLE GENERATOR-MOTOR OPERATION**
[54] **DISPOSITIF ELECTROMAGNETIQUE A FONCTIONNEMENT GENERATEUR-MOTEUR REVERSIBLE**
[72] CIPRIANI, MARCO, IT
[73] GE AVIO S.R.L., IT
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[54] **LOCKING HEADPLATE FOR ADJUSTABLE SADDLE TREE**
[54] **PLAQUE FRONTALE VERROUILLABLE POUR ARCON DE SELLE AJUSTABLE**
[72] STRAUSS, ISIDORE, US
[72] SCEARS, LYNNDA, US
[73] INTEC CORPORATION, US
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[54] **DISPOSITIF D'ASSISTANCE VENTRICULAIRE POUR UNE MISE EN PLACE INTRAVENTRICULAIRE**
[72] LAROSE, JEFFREY A., US
[72] SHAMBAUGH, CHARLES R., US
[72] WHITE, STEVE A., US
[72] TAMEZ, DANIEL, US
[73] HEARTWARE, INC., US
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[54] **ENSEMBLE DE RAMASSAGE**
[72] HORST, MARK, CA
[73] MARCREST MANUFACTURING INC., CA
[86] (2714249)
[87] (2714249)
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[54] **UNIVERSAL ACTUATION AND CONTROL OF STEERING MECHANISMS FOR MOBILE VEHICLES**
[54] **ACTIONNEMENT ET COMMANDE UNIVERSELLES DES MECANISMES DE DIRECTION POUR VEHICULES MOBILES**
[72] FARWELL, MARK LALON, US
[72] FELTMAN, ANTHONY JOHN, US
[72] FRERICHS, KYLE ADAM, US
[72] VANDE BRAKE, TODD EVAN, US
[73] EXELIS INC., US
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[54] **PROCESSES FOR PRODUCING H2S USING SULPHUR-REDUCING BACTERIA**
[54] **PROCEDES DE FABRICATION DE H<SB>2</SB>S A L'AIDE DE BACTERIES REDUCTRICES DE SOUFRE**
[72] BRATTY, MICHAEL, CA
[72] KRATOCHVIL, DAVID, CA
[72] NODWELL, MAXMILLIAN, CA
[73] BQE WATER INC., CA
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[54] **HYDROGENERATRICE A VOLUTE**
[72] GLASSER, JAMIE, US
[72] SCHOOLCRAFT, JOHN K., US
[72] HILL, ROBERT, US
[72] GRACE, SCOTT, US
[72] BARTEE, JOHN, US
[72] BLACKMON, ZACK, III, US
[72] JONES, STEVEN R., US
[73] ZURN INDUSTRIES, LLC, US
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[54] **INHIBITEURS AMINOACIDES DU CYTOCHROME P450**
[72] EISSENSTAT, MICHAEL, US
[72] DUAN, DEHUI, US
[72] KANG, JIHYE, US
[73] SEQUOIA PHARMACEUTICALS, INC., US
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[54] **PROPRIETES DE SURFACES REGENERATRICES POUR COMPOSITES**
[72] GRABAU, PETER, DK
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[54] **COLLECTION CONTAINER ASSEMBLY WITH NANOCOMPOSITE BARRIER COATING**
[54] **ENSEMBLE CONTENANT DE COLLECTE AVEC REVETEMENT BARRIERE NANOCOMPOSITE**
[72] SOSKEY, PAUL R., US
[72] PARMER, JEROME F., US
[72] GOLDBERG, HARRIS A., US
[72] KARIM, DOUGLAS P., US
[72] SAMANTARA, LAXMI, US
[72] FEENEY, CARRIE A., US
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[54] **INTERCONNECT ASSEMBLY**
[54] **ENSEMBLE D'INTERCONNEXIONS**
[72] WUDU, MULUGETA ZERFU, US
[72] CORNEILLE, JASON STEPHAN, US
[72] CROFT, STEVEN THOMAS, US
[72] FLANDERS, STEVEN DOUGLAS, US
[72] MCCOLL, WILLIAM JAMES, US
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[54] **METHODS FOR THE ANTI-INFLAMMATORY AND ANTI-EDEMATOUS PROTECTION OF EXPLANTED BIOLOGICAL MATERIAL UNTIL THE TRANSPLANTATION THEREOF IN PATIENTS**
[54] **PROCEDE DE PROTECTION ANTI-INFLAMMATOIRE ET ANTI-OEDEMATEUSE D'UN MATERIAU BIOLOGIQUE EXPLANTE JUSQU'A SA TRANSPLANTATION CHEZ DES PATIENTS**
[72] ESPERESTER, ANKE, DE
[72] NEES, STEPHAN, DE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[54] **SYSTEME SERVANT A FUMER CHAUFFE ELECTRIQUEMENT**
[72] FERNANDO, FELIX, GB
[72] STAHLE, FREDRIK, CH
[72] CORDEY, JEAN-PIERRE, CH
[72] MANCA, LAURENT, CH
[73] PHILIP MORRIS PRODUCTS S.A., CH
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[25] EN
[54] **CONTAINER SYSTEM**
[54] **SYSTEME DE RECIPIENT**
[72] RAYNER, JOSH, US
[72] WOODMANSEE, MICHAEL, US
[72] COQUILLEAU, LAURENT, US
[72] ZSIGA, PHILIP, US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **BANDE TRANSVALVULAIRE INTRA-ANNULAIRE POUR LA REPARATION DES VALVULES**
[72] SUBRAMANIAN, VALAVANUR A., US
[73] HEART REPAIR TECHNOLOGIES, INC., US
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[54] **SLIDING CLOSURE FOR A RECEPTACLE CONTAINING MOLTEN METAL**
[54] **OBTURATEUR A TIROIR POUR RECIPIENT CONTENANT UN BAIN METALLIQUE**
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[72] KELLER, WERNER, CH
[72] TRUTTMANN, URS, CH
[73] STOPINC AKTIENGESELLSCHAFT, CH
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[25] EN
[54] **INTEGRITY MONITORING OF INERTIAL REFERENCE UNIT**
[54] **CONTROLE DE L'INTEGRITE DE CENTRALES INERTIELLES DE REFERENCE**
[72] TESSIER, CLAUDE, CA
[73] BOMBARDIER INC., CA
[85] 2010-10-18
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[54] **METHODS FOR RADIOLABELLING SYNTHETIC POLYMERS**
[54] **PROCEDES DE RADIOMARQUAGE DE POLYMERES SYNTHETIQUES**
[72] STEPHENS, ROSS WENTWORTH, AU
[72] SENDEN, TIMOTHY JOHN, AU
[72] KING, DAVID WALLACE, AU
[73] THE AUSTRALIAN NATIONAL UNIVERSITY, AU
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[72] HANSSEN, HUBERT JOSEPH FRANS, NL
[72] TERPSTRA, WILLEM, NL
[73] EUROKEG B.V., NL
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[54] **PETITES MOLECULES CHIMERIQUES POUR LE RECRUTEMENT D'ANTICORPS DIRIGES CONTRE DES CELLULES CANCEREUSES**
[72] SPIEGEL, DAVID, US
[72] MURELLI, RYAN, US
[72] ZHANG, ANDREW, US
[73] YALE UNIVERSITY, US
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[54] **FLACON MUNI D'UN JOINT D'ETANCHEITE NON CIRCULAIRE**
[72] BUCHOLTZ, MICHAEL, US
[72] SUPRANOWICZ, RONALD, US
[72] BELFANCE, JOHN, US
[73] CSP TECHNOLOGIES, INC., US
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[30] US (61/053,277) 2008-05-15
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[54] **SYSTEME ET PROCEDE UTILISANT DES CERTIFICATS CRYPTOGRAPHIQUES POUR DEFINIR DES GROUPES D'ENTITES**
[72] BECKWITH, R. WILLIAM, US
[72] MARSHALL, JEFFREY G., US
[72] CHILTON, JEFFREY W., US
[73] OBJECTIVE INTERFACE SYSTEMS, INC., US
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[25] EN
[54] **BODY FLUID SAMPLING DEVICE – SAMPLING SITE INTERFACE**
[54] **DISPOSITIF DE PRELEVEMENT DE LIQUIDE ORGANIQUE ET INTERFACE DE SITE DE PRELEVEMENT**
[72] ESCUTIA, RAUL, US
[72] LITHERLAND, CRAIG M., US
[72] EMERY, JEFFREY L., US
[72] JONES, JEFFREY, M., US
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[73] INTUITY MEDICAL, INC., US
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[54] **ASSEMBLY INCLUDING A TURBINE DISC FOR A GAS TURBINE ENGINE AND A BEARING-SUPPORTING JOURNAL, AND COOLING CIRCUIT FOR THE TURBINE DISC OF SUCH AN ASSEMBLY**
[54] **ENSEMBLE D'UN DISQUE DE TURBINE D'UN MOTEUR A TURBINE A GAZ ET D'UN TOURILLON SUPPORT DE PALIER, CIRCUIT DE REFROIDISSEMENT D'UN DISQUE DE TURBINE D'UN TEL ENSEMBLE**
[72] BONNEAU, DAMIEN, FR
[72] GARIN, FABRICE, FR
[72] JUDET, MAURICE GUY, FR
[72] LANGEVIN, THOMAS, FR
[73] SNECMA, FR
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[54] **AN APPARATUS AND A METHOD OF DETERMINING THE PRESENCE OF AN ALUMINA LAYER ON A SURFACE OF A COMPONENT**
[54] **UN APPAREIL ET UNE METHODE POUR DETERMINER LA PRESENCE D'UNE COUCHE D'ALUMINE SUR UNE SURFACE D'UN COMPOSANT**
[72] KELL, JAMES, GB
[72] DAY, JOHN CHARLES CLIFFORD, GB
[73] ROLLS-ROYCE PLC, GB
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[54] **APPARATUS AND METHOD FOR TRANSMISSION OF SOUNDING REFERENCE SIGNAL IN UPLINK WIRELESS COMMUNICATION SYSTEMS WITH MULTIPLE ANTENNAS AND SOUNDING REFERENCE SIGNAL**
[54] **APPAREIL ET PROCEDE D'EMISSION D'UN SIGNAL DE REFERENCE DE SONDAGE DANS DES SYSTEMES DE COMMUNICATION SANS FIL EN VOIE MONTANTE A ANTENNES MULTIPLES, ET SIGNAL DE REFERENCE DE SONDAGE**
[72] RO, SANGMIN, KR
[72] CHO, JOON YOUNG, KR
[72] LEE, JU HO, KR
[72] LI, YINGYANG, CN
[72] HAN, JIN KYU, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **APPAREIL POUR FORMATION D'AEROSOLS**
[72] SVENTITSKIJ, EVGENIJ NIKOLAEVICH, RU
[72] GLUSHCHENKO, VALERIJ MIHAILOVICH, RU
[72] TOLPAROV, YURIJ NIKOLAEVICH, RU
[73] BATTELLE MEMORIAL INSTITUTE, US
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[54] **PREPARATIONS DE VECTEURS D'ADN MINICERCLE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] CHEN, ZHI-YING, US
[72] KAY, MARK A., US
[73] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **IMPROVEMENTS IN THE DETERMINATION OF AT LEAST ONE VALUE ASSOCIATED WITH THE ELECTROMAGNETIC RADIATION OF AN OBJECT BEING TESTED**
[54] **PERFECTIONNEMENTS A LA DETERMINATION D'AU MOINS UNE GRANDEUR ASSOCIEE AU RAYONNEMENT ELECTROMAGNETIQUE D'UN OBJET SOUS TEST**
[72] GARREAU, PHILIPPE, FR
[72] IVERSEN, PER, US
[72] DUCHESNE, LUC, FR
[72] GANDOIS, ARNAUD, FR
[73] MICROWAVE VISION, FR
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[54] **TORQUE BALANCER FOR A SURFACE CLEANING HEAD**
[54] **EQUILIBREUR DE COUPLE POUR TETE DE NETTOYAGE DE SURFACES**
[72] CONRAD, WAYNE ERNEST, CA
[73] OMACHRON INTELLECTUAL PROPERTY INC., CA
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[54] **PANNEAU SANDWICH ET PROCEDE DE PRODUCTION D'UN PANNEAU DE CE TYPE**
[72] PEETERS, JOHANNES HENDRICUS ALPHONSUS, NL
[72] HONSELAAR, CORNELIS HENRICUS, NL
[73] FIBERCORE IP B.V., NL
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[54] **GRAISSEUR DE TETE DE PUITS**
[72] ZABELKA, SCOTT E., US
[73] MINER ELASTOMER PRODUCTS CORPORATION, US
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[54] **MOSAIC CLADE M ENV-BASED POLYVALENT HIV VACCINE**
[54] **VACCIN CONTRE LE VIH POLYVALENT A BASE DE VARIANTE M ENV**
[72] KORBER, BETTE T., US
[72] FISCHER, WILLIAM, US
[72] LETVIN, NORMAN, US
[72] LIAO, HUA-XIN, US
[72] HAYNES, BARTON F., US
[72] HAHN, BEATRICE H., US
[73] LOS ALAMOS NATIONAL SECURITY, LLC, US
[73] BETH ISRAEL DEACONESS MEDICAL CENTER, US
[73] DUKE UNIVERSITY, US
[73] THE UNIVERSITY OF ALABAMA AT BIRMINGHAM RESEARCH FOUNDATION, US
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[72] RIJFERS, ANDRIES, NL
[72] KRUIZINGA, BORGERT, NL
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[72] BERRY, DOUGLAS EDWIN, US
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[72] URBANI, DANIELE, IT
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[72] PETTIT, JOHN W., US
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[72] PULSKAMP, STEVEN R., US
[72] DUES, JEFFRY D., US
[72] GREEN, MATTHEW M., US
[72] HORVATH, EUGENE P., US
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[54] **SYSTEME DE COMMUNICATION FAISANT INTERVENIR DES FORMES D'ONDES MODULEES EN FREQUENCE LINEAIRE ORTHOGONALE**
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[73] THALES CANADA INC., CA
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[54] **AMORCES D'AMPLIFICATION AVEC DES BASES NON-STANDARD AYANT UNE SPECIFICITE DE REACTION AUGMENTEE**
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[72] RAMASUBRAMANIAN, T.S., US
[72] ENGELBRECHT, KATHLEEN, US
[73] LUMINEX CORPORATION, US
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[54] **PORTE PANORAMIQUE COULISSANTE ETANCHE**
[72] LABRECQUE, NORMAND, CA
[73] GROUPE LESSARD INC., CA
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[54] **INSTALLATION DE DETECTION D'ENCRASSEMENT ET PROCEDE DE DETECTION D'ENCRASSEMENT**
[72] CAUSSIN DE SCHINECK, CLAUDIA, DE
[72] FORSTER, HARTMUT, DE
[72] HELMINGER, KARL, DE
[72] KRACK, RALF, DE
[72] NAJMAN, ROBERT, DE
[73] ECOLAB INC., US
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[54] **PROCEDE DE PREPARATION DE L'ENTECAVIR ET DE SES INTERMEDIAIRES**
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[72] HUANG, HUNG-TSUNG, TW
[73] SCINOPHARM TAIWAN LTD., TW
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[54] **MEMBRANES COMPOSITES A BASE DE SILICONE, PRESENTANT UN EFFET DE SEPARATION ELEVE**
[72] HAENSEL, RENE, DE
[72] DOEHLER, HARDI, DE
[72] SCHWAB, PETER, DE
[72] SEIDENSTICKER, PETER, DE
[72] FERENZ, MICHAEL, DE
[72] BAUMGARTEN, GOETZ, DE
[72] LAZAR, MARINA, DE
[72] UNGERANK, MARKUS, AT
[73] EVONIK DEGUSSA GMBH, DE
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[54] **LIGNE DE TRANSFERT POUR CHROMATOGRAPHE GAZEUX/SPECTROMETRE DE MASSE**
[72] STEINER, URS, US
[72] MUNTEAN, FELICIAN, US
[72] EGLEY, BERT D., US
[73] BRUKER DALTONICS, INC., US
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[54] **CAPUCHON D'ENDOSCOPE AVEC RAMPE**
[72] SURTI, VIHAR C., US
[73] COOK MEDICAL TECHNOLOGIES LLC, US
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[72] SURTI, VIHAR C., US
[73] COOK MEDICAL TECHNOLOGIES LLC, US
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[54] **SERVICEABLE SPHERICAL JOINTS WITH WEAR-COMPENSATION FEATURES**
[54] **JOINTS SPHERIQUES REPARABLES DOTES DE CARACTERISTIQUES DE COMPENSATION D'USURE**
[72] KRAATZ, CLAYTON, CA
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[54] **FLUX DE TRAVAUX POUR EVALUATION DE FORMATION PETROPHYSIQUE ET GEOPHYSIQUE DE DONNEES DE DIAGRAPHIE AU CABLE ET LWD**
[72] SKELT, CHRISTOPHER, US
[73] CHEVRON U.S.A. INC., US
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[54] **SUBMERGED SURFACE-CLEANING APPARATUS PROVIDED WITH AN ACCELEROMETRIC DEVICE DETECTING GRAVITATIONAL ACCELERATION**
[54] **APPAREIL NETTOYEUR DE SURFACE IMMERGEE MUNI D'UN DISPOSITIF ACCELEROMETRIQUE DETECTANT L'ACCELERATION GRAVITATIONNELLE**
[72] MASTIO, EMMANUEL, AU
[72] MICHELON, THIERRY, FR
[73] ZODIAC POOL CARE EUROPE, FR
[85] 2012-06-15
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[54] **SUBMERGED-SURFACE-CLEANING DEVICE WITH GYRATION BY MEANS WEIGHT TRANSFER**
[54] **APPAREIL NETTOYEUR DE SURFACE IMMERGEE A GIRATION PAR CABRAGE**
[72] MASTIO, EMMANUEL, AU
[72] BLANC-TAILLEUR, PHILIPPE, FR
[72] PICHON, PHILIPPE, FR
[73] ZODIAC POOL CARE EUROPE, FR
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[54] **SECURISATION DE L'EXECUTION DE RESSOURCES DE CALCUL**
[72] LARSON, BROND, US
[72] SHAPIRO, RICHARD A., US
[73] AB INITIO TECHNOLOGY LLC, US
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[54] **PROCESS FOR THE PRODUCTION OF ISOPRENOL FROM MEVALONATE EMPLOYING A DIPHOSPHOMEVALONATE DECARBOXYLASE**
[54] **PROCEDE DE PRODUCTION D'ISOPRENOL A PARTIR DE MEVALONATE FAISANT APPEL A UNE DIPHOSPHOMEVALONATE DECARBOXYLASE.**
[72] MARLIERE, PHILIPPE, FR
[72] ANISSIMOVA, MARIA, FR
[72] CHAYOT, ROMAIN, FR
[72] DELCOURT, MARC, FR
[73] SCIENTIST OF FORTUNE S.A., LU
[73] GLOBAL BIOENERGIES, FR
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[54] **SAC A DOS STABLE**
[72] MAGGI, GREGORY, US
[73] C & P HAM ASSOCIATES LLC, US
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[54] **DENTAL IMPLANT, ABUTMENT FOR A DENTAL IMPLANT AND COMBINATION THEREOF AND AN IMPLANT SET**
[54] **IMPLANT DENTAIRE, ABUTMENT POUR UN IMPLANT DENTAIRE ET COMBINAISON DES DEUX AINSI QU'UN KIT D'IMPLANTATION**
[72] SOLLBERGER, DAVID, CH
[72] SOLER, CHRISTOPH, CH
[72] SCHAER, ALEX, CH
[73] CAMLOG BIOTECHNOLOGIES AG, CH
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[54] **DEVICE FOR TEMPERATURE CONTROL OF A ROOM**
[54] **DISPOSITIF DE THERMOREGULATION D'UNE PIECE**
[72] GUCKERT, WERNER, DE
[72] KIPFELSBERGER, CHRISTIAN, DE
[72] MICHELS, ROBERT, DE
[72] RAUCH, SIEGFRIED, DE
[73] SGL CARBON SE, DE
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[54] **SYSTEMS AND METHOD FOR ENDOSCOPIC ANGLE-RESOLVED LOW COHERENCE INTERFEROMETRY**
[54] **SYSTEMES ET PROCEDE ENDOSCOPIQUES D'INTERFEROMETRIE A FAIBLE COHERENCE ET A RESOLUTION ANGULAIRE**
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[72] PYHTILA, JOHN W., US
[73] DUKE UNIVERSITY, US
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[54] **VERIFIABLE DEVICE ASSISTED SERVICE USAGE BILLING WITH INTEGRATED ACCOUNTING, MEDIATION ACCOUNTING, AND MULTI-ACCOUNT**
[54] **FACTURATION ASSISTEE PAR DISPOSITIF DE L'UTILISATION DE SERVICES VERIFIABLES, AVEC COMPTABILITE INTEGREE, COMPTABILITE DE MEDIATION ET COMPTES MULTIPLES**
[72] RALEIGH, GREGORY G., US
[73] HEADWATER RESEARCH LLC, US
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[54] **METHOD AND DEVICES FOR DETERMINING NOISE VARIANCE FOR GYROSCOPE**
[54] **METHODE ET DISPOSITIFS DE DETERMINATION DE VARIANCE DE BRUIT POUR UN GYROSCOPE**
[72] BUCHANAN, NATHAN DANIEL POZNIAK, CA
[72] OLIVER, ROBERT GEORGE, CA
[72] PARCO, ADAM LOUIS, CA
[73] BLACKBERRY LIMITED, CA
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[54] **USB MEMORY DEVICE**
[54] **DISPOSITIF DE MEMOIRE USB**
[72] HERSHLER, ISRAEL, IL
[73] HERSHLER, ISRAEL, IL
[85] 2012-07-31
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[54] **AJUSTEMENT DE LA RESOLUTION D'UNE IMAGE QUI COMPREND DU TEXTE SOUMIS A UN PROCEDE ROC**
[72] NIJEMCEVIC, DJORDJE, US
[72] VUGDELIJA, MILAN, US
[72] DRESEVIC, BODIN, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **SOURCE DE HAUTE TENSION CONTINUE ET ACCELERATEUR DE PARTICULES**
[72] HEID, OLIVER, DE
[72] HUGHES, TIMOTHY, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **PREPARATION DE CATALYSEURS DE BLANCHIMENT**
[72] HAGE, RONALD, NL
[72] ZHANG, JIANRONG, CN
[72] ZHAO, WEI, CN
[73] CATEXEL LIMITED, GB
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[54] **CARTOUCHE DE TONER ET DISPOSITIF DE FORMATION D'IMAGES**
[72] TAKAMI, NOBUO, JP
[72] KIMURA, NORIYUKI, JP
[72] HORI, EISUKE, JP
[72] KIMURA, HIDEKI, JP
[72] KIKUCHI, KENJI, JP
[72] SUZUKI, YUJI, JP
[73] RICOH COMPANY, LTD., JP
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[54] **SYSTEME DE TRAITEMENT D'IMAGE**
[72] CALAMANTE, FERNANDO, AU
[72] TOURNIER, JACQUES-DONALD, AU
[72] CONNELLY, ALAN, AU
[72] JACKSON, GRAEME, AU
[73] BRAIN RESEARCH INSTITUTE FOUNDATION PTY LTD, AU
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[72] EDWARDS, JEFFREY, GB
[73] ENOVATE SYSTEMS LIMITED, GB
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[54] **CHARGEUR GRANDE CAPACITE**
[72] SULLIVAN, LEROY JAMES, US
[73] ARMWEST, LLC, US
[85] 2012-09-20
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[54] **REDUCTION SELECTIVE CATALYTIQUE EFFECTUEE AU MOYEN D'UNE ELECTROLYSE D'UREE**
[72] BOTTE, GERARDINE G., US
[73] OHIO UNIVERSITY, US
[85] 2012-09-27
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[54] **IMMUNOASSAY FOR FREE VITAMIN D**
[54] **IMMUNODOSAGE DE LA VITAMINE D LIBRE**
[72] MARTENS, MICHAEL FRANCISCUS WILHELMUS CORNELIS, NL
[72] PARSONS, GEORGE HENRY, US
[72] ROSMALEN, FRANCISCUS MARIA ANNA, NL
[72] SWINKELS, LEON MARIA JACOBUS WILHELMUS, NL
[73] FUTURE DIAGNOSTICS B.V., NL
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[54] **VIDEO-ENCODING METHOD AND VIDEO-ENCODING APPARATUS BASED ON ENCODING UNITS DETERMINED IN ACCORDANCE WITH A TREE STRUCTURE, AND VIDEO-DECODING METHOD AND VIDEO-DECODING APPARATUS BASED ON ENCODING UNITS DETERMINED IN ACCORDANCE WITH A TREE STRUCTURE**
[54] **PROCEDE DE CODAGE VIDEO ET APPAREIL DE CODAGE VIDEO BASES SUR DES UNITES DE CODAGE DETERMINEES SELON UNE STRUCTURE ARBORESCENTE, ET PROCEDE DE DECODAGE VIDEO ET APPAREIL DE DECODAGE VIDEO BASES SUR DES UNITES DE CODAGE DETERMINEES SELON UNE STRUCTURE ARBORESCENTE**
[72] MIN, JUNG-HYE, KR
[72] HAN, WOO-JIN, KR
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[72] LIU, JINGPING, US
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[72] HASSLER, JULIE, US
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[54] **APPAREIL ET PROCEDES POUR GESTION DE CONTENU ET LIAISON DE COMPTES ENTRE DE MULTIPLES RESEAUX DE FOURNITURE DE CONTENU**
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[73] MITEK HOLDINGS, INC., US
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[72] MACHIDA, MASAOMI, JP
[72] NAKANISHI, YUKIHIRO, JP
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[73] SMART WAVE TECHNOLOGIES CORP., CA
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[54] **DISPOSITIF D'IMPLANT ET OUTIL RELATIF AU TRAITEMENT DE SINUS PARANASAUX**
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[72] GOBEL, RICHARD J., US
[72] JOHNSON, ANDREW, US
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[72] MALINS, CRAIG DAVID, NZ
[73] GALLAGHER GROUP LIMITED, NZ
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[72] MEYER-HEYE, BERNHARD, DE
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[72] WARD, MICHAEL, US
[72] VENEZIA, STEVEN, US
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[73] BLACKBERRY LIMITED, CA
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[54] **SYSTEME ET PROCEDE D'ECONOMIE D'ENERGIE SUR UN SYSTEME DE DISTRIBUTION DE BOISSON A DISTANCE**
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[72] SPRINKLE, AARON CHARLES, US
[72] MORROW, JAMES R., US
[73] MANITOWOC FOODSERVICE COMPANIES, LLC, US
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[54] **APPARATUS AND METHOD FOR POSITIONING FLEXIBLE TUBING IN ALIGNMENT WITH VEHICLE EXHAUST PIPE**
[54] **APPAREIL ET PROCEDE DE POSITIONNEMENT DE TUBE FLEXIBLE EN ALIGNEMENT AVEC LE TUYAU D'ECHAPPEMENT D'UN VEHICULE**
[72] KRAMER, VANCE M., US
[72] ALTSTAETTER, JACOB D., US
[73] CRUSHPROOF TUBING COMPANY, US
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[73] BAKER HUGHES INCORPORATED, US
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[54] **COMPLEXES CONTENANT DE L'ARGENT ORGANIQUE, PROCEDES DE PREPARATION ASSOCIES ET PROCEDES POUR FORMER DES COUCHES MINCES**
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[73] BLACKBERRY LIMITED, CA
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[54] **DISPOSITIF ET PROCEDE DE RECEPTION DE SIGNAL DE DIFFUSION TRIDIMENSIONNELLE A PLUSIEURS VUES**
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[72] CHOE, JEEHYUN, KR
[73] LG ELECTRONICS INC., KR
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[54] **COMPOSES D'OXAZOLIDINIUM ET UTILISATION EN TANT QU'INHIBITEURS D'HYDRATE**
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[54] **PROCEDE ET SYSTEME DE GESTION DE RESEAU UTILISANT DES MESURES PERIODIQUES D'INDICATEURS**
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[73] INTEL CORPORATION, US
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[54] **ACIDES NUCLEIQUES DU RECEPTEUR A L'ECDYSONE DE LA CICADELLE, POLYPEPTIDES, ET UTILISATION DE CEUX-CI**
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[54] **ENSEMBLE DE CONNEXION POUR UN ENSEMBLE BASE ET ARMOIRE POUR UNE MACHINE A GLACONS**
[72] MEYERS, JOHN P., US
[72] CAYEMBERG, CURT R., US
[72] PETERSEN, DEAN M., US
[72] GIEBEL, MARK P., US
[73] MANITOWOC FOODSERVICE COMPANIES, LLC, US
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[54] **METHOD OF PROVIDING ASSISTANCE TO THE END-USER OF A SOFTWARE APPLICATION**
[54] **PROCEDE PERMETTANT DE FOURNIR UNE AIDE A UN UTILISATEUR FINAL D'UNE APPLICATION LOGICIELLE**
[72] SAVORNIN, RICHARD, FR
[72] GRANDEMANGE, ALEXIS, FR
[72] GASTALDI, CHRISTIAN, FR
[73] AMADEUS S.A.S., FR
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[54] **FORM FOR MAKING STRUCTURES**
[54] **FORME POUR FABRICATION DE STRUCTURES**
[72] SWINK, GERY, US
[72] MEHAFFEY, KENNETH LEE, US
[72] BRAFFORD, RALPH, US
[73] ABT FOAM, LLC, US
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[54] **DEBLOCKING FILTERING**
[54] **FILTRAGE DE DEBLOCAGE**
[72] NORKIN, ANDREY, SE
[72] ANDERSSON, KENNETH, SE
[72] SJOBERG, RICKARD, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[51] **Int.Cl. B01D 53/047 (2006.01)**
[25] EN
[54] **METHODS OF REMOVING CONTAMINANTS FROM A HYDROCARBON STREAM BY SWING ADSORPTION AND RELATED APPARATUS AND SYSTEMS**
[54] **PROCEDES D'ELIMINATION DE CONTAMINANTS DE COURANT D'HYDROCARBURES PAR ADSORPTION MODULEE ET APPAREIL ET SYSTEMES S'Y RAPPORTANT**
[72] DECKMAN, HARRY W., US
[72] JOHNSON, ROBERT A., US
[72] TAMMERA, ROBERT F., US
[72] ANDERSON, THOMAS N., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2013-07-17
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[51] **Int.Cl. G06N 3/02 (2006.01) G06N 3/08 (2006.01) E21B 43/00 (2006.01)**
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[54] **SYSTEM AND METHOD FOR USING AN ARTIFICIAL NEURAL NETWORK TO SIMULATE PIPE HYDRAULICS IN A RESERVOIR SIMULATOR**
[54] **SYSTEME ET PROCEDE PERMETTANT D'UTILISER UN RESEAU DE NEURONES ARTIFICIEL POUR SIMULER L'HYDRAULIQUE DES CONDUITES DANS UN SIMULATEUR DE RESERVOIR**
[72] FLEMING, GRAHAM, US
[72] WONG, TERRY, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2013-07-19
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[51] **Int.Cl. F16L 1/06 (2006.01) E21B 17/042 (2006.01) F16L 15/00 (2006.01)**
[25] EN
[54] **POSITION MAKE-UP INDICATOR SYSTEM**
[54] **SYSTEME INDICATEUR DE BLOCAGE DE POSITION**
[72] RIVERO, GERMAN JOSE, US
[72] DUNN, THOMAS E., JR., US
[72] PARKER, CLAUDIE WAYNE, US
[73] HUNTING ENERGY SERVICES, INC., US
[85] 2013-07-26
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[51] **Int.Cl. G06F 9/40 (2006.01) G06F 11/30 (2006.01) H04L 12/16 (2006.01)**
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[54] **SYSTEM AND METHOD FOR BATCH EVALUATION PROGRAMS**
[54] **SYSTEME ET METHODE POUR PROGRAMMES D'EVALUATION EN LOT**
[72] MARINELLI, EUGENE E., III, US
[72] NAMARA, YOGA, US
[73] PALANTIR TECHNOLOGIES, INC., US
[86] (2829266)
[87] (2829266)
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[51] **Int.Cl. G06Q 50/30 (2012.01)**
[25] EN
[54] **COMPUTERIZED VEHICLE MAINTENANCE MANAGEMENT SYSTEM WITH EMBEDDED STOCHASTIC MODELLING**
[54] **SYSTEME INFORMATISE DE GESTION D'ENTRETIEN DE VEHICULE AVEC MODELISATION STOCHASTIQUE INTEGREE**
[72] HO, KENTON, CA
[73] BRIGHTORDER IP INC., CA
[86] (2829531)
[87] (2829531)
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[13] C
[51] **Int.Cl. E21B 47/10 (2012.01)**
[25] EN
[54] **MEASURING GAS LOSSES AT A RIG SURFACE CIRCULATION SYSTEM**
[54] **MESURE DE PERTES DE GAZ AU NIVEAU D'UN SYSTEME DE CIRCULATION DE SURFACE D'UN APPAREIL DE FORAGE**
[72] BRUMBOIU, AUREL, CA
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2013-09-13
[86] 2012-03-05 (PCT/US2012/027686)
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[51] **Int.Cl. H04L 12/875 (2013.01) H04L 12/865 (2013.01)**
[25] EN
[54] **COMPUTING AND REPORTING LATENCY IN PRIORITY QUEUES**
[54] **TEMPS DE LATENCE DE CALCUL ET DE RAPPORT DE MESURE DANS LES FILES D'ATTENTE DE PRIORITE**
[72] HUEY, MICHAEL G., US
[72] HARRIS, JAMES R., US
[72] WAGNER, JOSHUA R., US
[72] BODDUPALLI, HARI K., US
[73] ARRIS ENTERPRISES LLC, US
[86] (2830985)
[87] (2830985)
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[30] US (61/719,372) 2012-10-27
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[51] **Int.Cl. B64D 35/08 (2006.01) B64C 27/12 (2006.01) B64D 27/00 (2006.01) B64D 31/00 (2006.01)**
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[54] **METHOD AND ROTARY WING AIRCRAFT EQUIPPED WITH THREE ENGINES**
[54] **PROCEDE ET AERONEF A VOILURE TOURNANTE MUNI DE TROIS MOTEURS**
[72] GOMEZ, NAYIBE, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2831706)
[87] (2831706)
[22] 2013-10-29
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[25] EN
[54] **PROVIDING MOBILE-GUIDED DOWNLINK INTERFERENCE MANAGEMENT**
[54] **FOURNITURE DE GESTION DE BROUILLAGE DE LIAISON DESCENDANTE GUIDEE PAR MOBILE**
[72] EARNSHAW, ANDREW MARK, CA
[72] JIN, XIN, CA
[72] WENG, JIANFENG, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-07-19
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[25] EN
[54] **MINE POWER MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE L'ENERGIE POUR L'EXPLOITATION MINIERE**
[72] TOJIMA, MASANORI, JP
[72] YAMASHITA, KOUICHI, JP
[72] SUDOU, TSUGIO, JP
[72] TAKEDA, KOJI, JP
[72] NAGAI, TAKAO, JP
[72] KAJINO, KATSUHIRO, JP
[72] YANAGIDA, YASUHIRO, JP
[72] SUZUKI, YASUYUKI, JP
[73] KOMATSU LTD., JP
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[25] EN
[54] **VOLUMETRIC GRAFTS FOR TREATMENT OF FISTULAE AND RELATED METHODS AND SYSTEMS**
[54] **GREFFES A ADEQUATION VOLUMETRIQUE POUR TRAITEMENT DE FISTULES, METHODES ET SYSTEMES**
[72] OBERMILLER, F. JOSEPH, US
[72] HILES, MICHAEL C., US
[72] GRAHAM, MATTHEW R., US
[72] FETTE, CLAY D., US
[73] COOK BIOTECH INCORPORATED, US
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[54] **DRY CELL START-UP OF AN ELECTROLYTIC CELL FOR ALUMINUM PRODUCTION**
[54] **DEMARRAGE DE PILE SECHE DE CELLULE ELECTROLYTIQUE POUR LA PRODUCTION D'ALUMINIUM**
[72] CAYOUETTE, ROBERT, CA
[72] LAPLANTE, FRANCOIS, CA
[73] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
[85] 2013-10-22
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[54] **TENDEUR AUTOMATIQUE**
[72] YONEDA, TETSUO, JP
[72] IMAI, KATSUYA, JP
[73] MITSUBOSHI BELTING LTD., JP
[85] 2013-10-25
[86] 2012-04-27 (PCT/JP2012/061467)
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[54] **DEVICE AND METHOD FOR DIRECTIONAL DRILLING**
[54] **DISPOSITIF ET PROCEDE DE FORAGE DEVIE**
[72] KVALVIK, TORE, NO
[73] ZTD DRILLING AS, NO
[85] 2013-10-31
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[51] **Int.Cl. F16L 37/107 (2006.01) F16L 37/248 (2006.01)**
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[54] **BAYONET FASTENING**
[54] **FERMETURE A BAIONNETTE**
[72] BREYER, MARKUS, DE
[73] GEORG FISCHER JRG AG, CH
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[87] (WO2012/156210)
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[54] **LIFT ADJUST SLIDING DOOR ROLLER**
[54] **ROULETTE DE PORTE COULISSANTE REGLABLE EN HAUTEUR**
[72] TIDWELL, DRANNAN, US
[73] MILGARD MANUFACTURING INCORPORATED, US
[86] (2835580)
[87] (2835580)
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[30] US (61/733,418) 2012-12-04
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[54] **DECORATIVE LIGHTING SUPPLIED BY BATTERY-BOOST**
[54] **ECLAIRAGE DECORATIF ALIMENTE PAR SURVOLTEUR A ACCUMULATEUR**
[72] ZHANG, XIUHONG, CN
[72] ZHANG, GUOGUANG, CN
[73] ZHANG, XIUHONG, CN
[73] QU, FENG, CN
[85] 2013-11-25
[86] 2011-11-28 (PCT/CN2011/083089)
[87] (WO2012/159431)
[30] CN (201120169207.3) 2011-05-25
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[13] C
[51] **Int.Cl. A01D 45/26 (2006.01)**
[25] EN
[54] **DECORING MECHANISM WITH MECHANIZED HARVESTER**
[54] **RECOLTEUSE MECANISEE POURVUE D'UN MECANISME DE TRANCHAGE DE TROGNON**
[72] ALBARRAN, SERAFIN, US
[72] ALBARRAN, DANIEL, US
[72] ALEJO, JORGE, US
[72] BARAJAS, IGNACIO, US
[72] BASCOU, RICHARD, US
[72] CASTILLO, DENNIS J., US
[72] CORRAL, MAXIMINO, US
[72] FRANS, WHIT, US
[72] DAVIS, FRANK E., US
[72] JENS, STEPHEN C., US
[72] MACHUCA, RAUL, US
[72] MAGANA, MANUEL, US
[72] MEZA, CARLOS, US
[72] VILLASENOR, GABRIEL, US
[72] YOUNG, TERRY, US
[73] DOLE FRESH VEGETABLES, INC., US
[85] 2013-11-29
[86] 2011-10-26 (PCT/US2011/057917)
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[51] **Int.Cl. H04N 19/103 (2014.01) H04N 19/14 (2014.01) H04N 19/159 (2014.01) H04N 19/176 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CODING VIDEO AND METHOD AND APPARATUS FOR DECODING VIDEO, ACCOMPANIED WITH INTRA PREDICTION**
[54] **METHODE ET APPAREIL DE CODAGE DE VIDEO ET METHODE ET APPAREIL DE DECODAGE DE VIDEO ACCOMPAGNE D'INTRA-PREDICTION**
[72] SEREGIN, VADIM, KR
[72] KIM, IL-KOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2013-12-27
[86] 2012-06-27 (PCT/KR2012/005088)
[87] (WO2013/002556)
[30] US (61/501,974) 2011-06-28

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[51] **Int.Cl. B64D 29/08 (2006.01) B64C 1/14 (2006.01) B64C 7/02 (2006.01)**
[25] EN
[54] **AIRCRAFT NACELLE ASSEMBLIES**
[54] **ENSEMBLES POUR NACELLES D'AERONEF**
[72] POPESCU, ALEXANDRU VLAD, US
[72] LEGER, DANIEL LYNN, US
[72] PARHAM, DEAN LEON, US
[73] THE BOEING COMPANY, US
[86] (2841592)
[87] (2841592)
[22] 2014-01-30
[30] US (13/856,284) 2013-04-03

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[25] EN
[54] **ACCESSIBLE BATHTUB AND DRAIN**
[54] **BAIGNOIRE ET TUYAU DE VIDANGE ACCESSIBLES**
[72] TORRES, RAYMOND C., US
[72] SLEPICKA, JASON, US
[73] AQUATIC CO., US
[86] (2841720)
[87] (2841720)
[22] 2010-04-21
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[25] EN
[54] **TRANSMISSION LINE SEGMENT COUPLER DEFINING FLUID PASSAGE WAYS AND RELATED METHODS**
[54] **RACCORD DE SEGMENT DE LIGNE DE TRANSMISSION DEFINISSANT DES PARCOURS DE PASSAGE DE FLUIDE ET METHODES ASSOCIEES**
[72] DITTMER, TIM, US
[72] HANN, MURRAY, US
[72] HEWIT, RAYMOND, US
[72] WRIGHT, BRIAN, US
[73] HARRIS CORPORATION, US
[86] (2842425)
[87] (2842425)
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[51] **Int.Cl. A41D 31/02 (2006.01) A41D 13/08 (2006.01) A41D 19/015 (2006.01) A41H 43/00 (2006.01) B32B 1/00 (2006.01) B32B 9/02 (2006.01)**
[25] EN
[54] **WATERPROOF TAPED GLOVE AND MITTEN WITH LAMINATED LEATHER**
[54] **GANT ET MITAINE RUBANE IMPERMEABLE AVEC CUIR STRATIFIE**
[72] RAMOS, DANIEL, US
[73] THE NORTH FACE APPAREL CORP., US
[86] (2843301)
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[22] 2014-02-14
[30] US (13/792,741) 2013-03-11

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[51] **Int.Cl. E21B 43/24 (2006.01) E21B 36/00 (2006.01) E21B 36/04 (2006.01) H05B 6/80 (2006.01)**
[25] EN
[54] **RADIO FREQUENCY ANTENNA ASSEMBLY FOR HYDROCARBON RESOURCE RECOVERY INCLUDING ADJUSTABLE SHORTING PLUG AND RELATED METHODS**
[54] **DISPOSITIF D'ANTENNE DE RADIOFREQUENCE POUR LA RECUPERATION DE RESSOURCE D'HYDROCARBURE COMPORTANT UNE FICHE COURT-CIRCUIT REGLABLE ET METHODES CONNEXES**
[72] WRIGHT, BRIAN, US
[72] HANN, MURRAY, US
[72] HEWIT, RAYMOND, US
[72] HIBNER, VERLIN A., US
[73] HARRIS CORPORATION, US
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[51] **Int.Cl. B29C 53/60 (2006.01)**
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[54] **PRESSURE TUNABLE EXPANDABLE MANDREL FOR MANUFACTURING A COMPOSITE STRUCTURE**
[54] **MANDRIN EXTENSIBLE REGLABLE EN PRESSION POUR LA FABRICATION D'UNE STRUCTURE COMPOSITE**
[72] OLDROYD, PAUL K., US
[72] HITCHCOCK, JAMES D., JR., US
[72] MCNEILL, DAVID B., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2843930)
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[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **MOBILE, MODULAR, ELECTRICALLY POWERED SYSTEM FOR USE IN FRACTURING UNDERGROUND FORMATIONS**
[54] **SYSTEME ELECTRIQUE MOBILE ET MODULAIRE UTILISE POUR FRACTURER DES FORMATIONS SOUTERRAINES**
[72] COLI, TODD, CA
[72] SCHELSKE, ELDON, CA
[73] EVOLUTION WELL SERVICES, LLC, US
[86] (2845347)
[87] (2845347)
[22] 2012-04-10
[62] 2,773,843
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[25] EN
[54] **APPARATUS FOR THE GENERATION OF AN ENERGY FIELD FOR THE TREATMENT OF CANCER IN BODY CAVITIES AND PARTS THAT ARE CAVITY-LIKE**
[54] **APPAREIL DE GENERATION DE CHAMP ENERGETIQUE POUR TRAITEMENT DU CANCER DANS DES CAVITES CORPORELLES ET DES PARTIES DE TYPE CAVITE**
[72] SUSEDIK, MICHAEL E., US
[72] FRANTZ, KARL M., US
[72] MCKENNA, DANIEL B., US
[72] HUISJEN, MARTIN A., US
[72] ADAMS, CAROLYN P., US
[73] ENDOMAGNETICS LIMITED, GB
[85] 2014-02-20
[86] 2012-08-21 (PCT/US2012/051763)
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[25] EN
[54] **INHIBITORS OF NEDD8-ACTIVATING ENZYME**
[54] **INHIBITEURS DE L'ENZYME ACTIVANT NEDD8**
[72] MCCARRON, ASHLEY SUE, US
[72] SELLS, TODD B., US
[72] STIRLING, MATTHEW, US
[72] STROUD, STEPHEN G., US
[73] MILLENNIUM PHARMACEUTICALS, INC., US
[85] 2014-02-21
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[25] EN
[54] **APPLICANT SCREENING**
[54] **SELECTION DE CANDIDATS**
[72] BRITTI, MICHAEL A., US
[72] THORNLEY, ROBERT D., US
[72] SPRINGER, JOEL R., US
[72] MAUSETH, MICHAEL JON, US
[72] COLLINS, MICHAEL J., US
[73] TRANSUNION RENTAL SCREENING SOLUTIONS, INC., US
[86] (2847012)
[87] (2847012)
[22] 2006-07-24
[62] 2,633,548
[30] US (11/189,024) 2005-07-25
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[25] EN
[54] **PROCESSES FOR TREATING RESERVOIR FLUID COMPRISING MATERIAL PRODUCED FROM A HYDROCARBON CONTAINING RESERVOIR**
[54] **PROCEDES DE TRAITEMENT DE FLUIDE DE RESERVOIR COMPRENANT UN MATERIAU PROVENANT D'UN RESERVOIR CONTENANT UN HYDROCARBURE**
[72] DONALD, ANDREW, CA
[73] SUNCOR ENERGY INC., CA
[86] (2847770)
[87] (2847770)
[22] 2014-03-28
[30] US (61/936,808) 2014-02-06

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[25] EN
[54] **COMMEMORATIVE PLAQUE FRAME**
[54] **CADRE POUR PLAQUE COMMEMORATIVE**
[72] LITALIEN, SEBASTIEN, CA
[73] CARRIER MAUSOLEUMS CONSTRUCTION INC., CA
[86] (2848537)
[87] (2848537)
[22] 2014-04-08
[30] US (61/809,504) 2013-04-08

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[25] EN
[54] **SUBMERSIBLE PUMP STABILIZATION**
[54] **STABILISATION DE POMPE SUBMERSIBLE**
[72] WATT, ALAN, CA
[73] SUNCOR ENERGY INC., CA
[86] (2849685)
[87] (2849685)
[22] 2014-04-23
[30] US (61/815,213) 2013-04-23

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[25] EN
[54] **DISPOSABLE SAFETY GARMENT**
[54] **VETEMENT DE SECURITE JETABLE**
[72] YADAV, SUDHANSU S., US
[72] DIETERLE, MARK, US
[72] MARCUM, JOSEPH T., US
[72] THOMPSON, ELLIOTT, US
[73] QUEST ENVIRONMENTAL & SAFETY PRODUCTS, INC., US
[85] 2014-03-24
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[25] EN
[54] **CHASSIS CONTROLLERS FOR CONVERTING UNIVERSAL FLOWS**
[54] **CONTROLEURS DE CHASSIS DESTINES A CONVERTIR DES FLUX UNIVERSELS**
[72] KOPONEN, TEEMU, US
[72] THAKKAR, PANKAJ, US
[73] NICIRA, INC., US
[85] 2014-03-24
[86] 2012-10-25 (PCT/US2012/062005)
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[30] US (61/551,427) 2011-10-25
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[30] US (61/595,027) 2012-02-04
[30] US (61/599,941) 2012-02-17
[30] US (61/610,135) 2012-03-13
[30] US (61/647,516) 2012-05-16
[30] US (13/589,078) 2012-08-17
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[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING A THREE-DIMENSIONAL DRY FIBER PREFORM**
[54] **SYSTEME ET PROCEDE POUR PRODUIRE UNE PREFORME EN FIBRES SECHES TRIDIMENSIONNELLE**
[72] THRASH, PATRICK J., US
[72] BOGER, CHAD L., US
[72] FARRELL, MICHAEL JAMES, US
[73] THE BOEING COMPANY, US
[86] (2850067)
[87] (2850067)
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[30] US (13/910,857) 2013-06-05

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[25] EN
[54] **PAPER AND METHODS OF MAKING PAPER**
[54] **PAPIER ET PROCEDES DE FABRICATION DU PAPIER**
[72] LUO, YUPING, US
[72] GRIGORIEV, VLADIMIR, US
[72] LU, CHEN, US
[72] ROSENCRANCE, SCOTT, US
[73] KEMIRA OYJ, FI
[85] 2014-03-28
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[54] **POWER CONVERSION CONTROL DEVICE, POWER CONVERSION CONTROL METHOD, ELECTRIC MOTOR, AND VEHICLE DRIVING SYSTEM**
[54] **DISPOSITIF DE COMMANDE DE TRANSFORMATION DE PUISSANCE, PROCEDE DE COMMANDE DE TRANSFORMATION DE PUISSANCE, MOTEUR ELECTRIQUE ET SYSTEME D'ENTRAINEMENT DE VEHICULE**
[72] YOKOZUTSUMI, RYO, JP
[72] OKADA, YURUKI, JP
[72] YAMASAKI, HISANORI, JP
[72] KATO, SHO, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2014-03-28
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[54] **VARIABLE FLOW RESISTANCE FOR USE WITH A SUBTERRANEAN WELL**
[54] **SYSTEME DE RESISTANCE VARIABLE A L'ECOULEMENT A METTRE EN OEUVRE DANS UN PUITS SOUTERRAIN**
[72] DYKSTRA, JASON D., US
[72] FRIPP, MICHAEL L., US
[72] ZHAO, LIANG, US
[72] FELTEN, FREDERIC, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **APPARATUS AND METHOD FOR COOLING PLASTIC FILM TUBE IN BLOWN FILM PROCESS**
[54] **APPAREIL ET METHODE DE REFROIDISSEMENT D'UN TUBE DE PELLICULE PLASTIQUE DANS UN PROCEDE DE PELLICULE SOUFFLEE**
[72] BERTRAND, ANTHONY H., US
[73] POLY-AMERICA, L.P., US
[86] (2851670)
[87] (2851670)
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[54] **METHODS OF PRELOADING A SONIC DRILL HEAD AND METHODS OF DRILLING USING THE SAME**
[54] **METHODES DE PRECHARGEMENT D'UNE TETE DE FORAGE SONIQUE ET METHODE DE FORAGE ASSOCIEE**
[72] DRIVDAHL, KRISTIAN S., US
[72] ABLE, ROBERT EUGENE, US
[72] NEVENNER, TODD A., US
[72] ALTRICHTER, KENNETH CARL, US
[73] LONGYEAR TM, INC., US
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[25] EN
[54] **AZEOTROPE-LIKE COMPOSITIONS OF E-1-CHLORO-2,3,3,3-TETRAFLUOROPROPENE AND USES THEREOF**
[54] **COMPOSITIONS DE TYPE AZEOTROPE DE E-1-CHLORO-2,3,3,3-TETRAFLUOROPROPENE ET LEURS UTILISATIONS**
[72] ROBIN, MARK L., US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2014-04-17
[86] 2012-10-19 (PCT/US2012/060953)
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[25] EN
[54] **ANNULAR BARRIER AND ANNULAR BARRIER SYSTEM**
[54] **BARRIERE ANNULAIRE ET SYSTEME DE BARRIERE ANNULAIRE**
[72] HALLUNDBAEK, JORGEN, DK
[72] HAZEL, PAUL, GB
[73] WELLTEC A/S, DK
[86] (2853370)
[87] (2853370)
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[51] **Int.Cl. H04B 5/00 (2006.01) G06K 19/077 (2006.01)**
[25] EN
[54] **CONTACTLESS DATA TRANSMISSION DEVICE, SECURITY AND/OR VALUABLE DOCUMENT INCLUDING THE SAME AND METHOD FOR MANUFACTURING THE CONTACTLESS DATA TRANSMISSION DEVICE**
[54] **DISPOSITIF DE TRANSFERT DE DONNEES SANS CONTACT, DOCUMENT DE DE SECURITE ET/OU DE VALEUR LE CONTENANT ET PROCEDE DE REALISATION D'UN DISPOSITIF DE TRANSFERT DE DONNEES SANS CONTACT**
[72] FISCHER, JORG, DE
[72] MUTH, OLIVER, DE
[72] PAESCHKE, MANFRED, DE
[72] TIETKE, MARKUS, DE
[72] KLOESER, JOACHIM, DE
[72] HOLINSKI, DENIS, DE
[72] FERBER, ALEXANDER, DE
[72] TROLENBERG, STEFAN, DE
[73] BUNDESDRUCKEREI GMBH, DE
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[25] EN
[54] **SUPPORT METAL STRUCTURE FOR A FALSE CEILING**
[54] **STRUCTURE METALLIQUE DE SUPPORT POUR UN FAUX-PLAFOND**
[72] CIPRIANI, GIUSEPPE, IT
[73] CIPRIANI, GIUSEPPE, IT
[85] 2014-05-06
[86] 2012-11-07 (PCT/IB2012/056221)
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[54] **DEVICE MANAGED ACCESS POINT LISTS IN WIRELESS COMMUNICATIONS**
[54] **LISTE DE POINTS D'ACCES GEREE PAR DISPOSITIF DANS UN SYSTEME DE COMMUNICATIONS SANS FIL**
[72] BALASUBRAMANIAN, SRINIVASAN, US
[72] DESHPANDE, MANOJ M., US
[72] YOON, YOUNG C., US
[72] HORN, GAVIN B., US
[73] QUALCOMM INCORPORATED, US
[86] (2854958)
[87] (2854958)
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[25] EN
[54] **CONTROLLED RANGE AND PAYLOAD FOR UNMANNED VEHICLES, AND ASSOCIATED SYSTEMS AND METHODS**
[54] **DISTANCE ET CHARGE UTILE COMMANDEES POUR VEHICULES SANS EQUIPAGE, ET SYSTEMES ET PROCEDES ASSOCIES**
[72] KNAPP, JEFFREY H., US
[72] TASKER, DAVID, US
[72] VIVIANI, GARY LEE, US
[73] INSITU, INC., US
[85] 2014-05-13
[86] 2012-11-15 (PCT/US2012/065360)
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[25] EN
[54] **RECIPROCATING AND ROTATING SECTION AND METHODS IN A DRILLING SYSTEM**
[54] **SECTION SE DEPLACANT EN VA-ET-VIENT ET ROTATIVE ET PROCEDES DANS UN SYSTEME DE FORAGE**
[72] KUTTEL, BEAT, US
[72] YORK, LEMUEL T., US
[72] YOUSEF, FAISAL J., US
[72] HAGER, KEITH A., US
[72] SLOCUM, RANDY, US
[73] CANRIG DRILLING TECHNOLOGY LTD., US
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[51] **Int.Cl. A61M 1/36 (2006.01) A61B 17/34 (2006.01)**
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[54] **CANNULA RING AND RELATED SYSTEMS AND METHODS**
[54] **ANNEAU DE CANULE ET SYSTEMES ET PROCEDES ASSOCIES**
[72] STANFIELD, RYAN, US
[72] WOODARD, JOHN, US
[72] BEARNSON, GILL, US
[73] WORLD HEART CORPORATION, US
[85] 2014-05-26
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[51] **Int.Cl. B60T 17/18 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR UNFREEZING FROZEN BRAKE LINES OF TRACTOR TRAILERS**
[54] **DISPOSITIF ET METHODE DE DECONGELATION DE CONDUITS DE FREIN GELES DE REMORQUES**
[72] ALLEN, ROBERT, US
[72] GIBSON, LORENZO, US
[73] ALLEN, ROBERT, US
[86] (2858258)
[87] (2858258)
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[25] EN
[54] **EFFICIENT AUTHORIZATION SYSTEM FOR MULTI-CHANNEL BROADCAST PROGRAM OPTIONS**
[54] **SYSTEME D'AUTORISATION EFFICACE POUR DES OPTIONS DE PROGRAMMATION DE PROGRAMMES AUDIOVISUELS SUR DES CANAUX MULTIPLES**
[72] BAUER, WILLIAM D., US
[72] EDER, DAVID W., US
[73] INTERTECH, CORP., US
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[25] EN
[54] **SYSTEMS AND METHODS FOR USE IN COVERING A PORTION OF A FASTENER PROTRUDING FROM A SURFACE**
[54] **SYSTEMES ET PROCEDES POUR UTILISATION EN VUE DE COUVRIR UNE PARTIE D'UNE PIECE DE FIXATION FAISANT SAILLIE SUR UNE SURFACE**
[72] CAMERON, MICHAEL SCOTT, US
[72] RAWDON, BLAINE KNIGHT, US
[73] THE BOEING COMPANY, US
[86] (2858461)
[87] (2858461)
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[54] **OUTIL DE POSE DE BOUCHON EN FOND DE PUITS**
[72] MADERO, PAUL., US
[72] MICKEY, CLINT E., US
[72] DOLYNIUK, DAVID A., US
[73] BAKER HUGHES INCORPORATED, US
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[25] EN
[54] **VIDEO RECOMMENDATION BASED ON VIDEO CO-OCCURRENCE STATISTICS**
[54] **RECOMMANDATION DE VIDEO SUR LA BASE DE STATISTIQUES DE COOCCURRENCE DE VIDEO**
[72] WEI, LI, US
[72] ZHANG, KUN, US
[72] HE, YU, US
[72] CAI, XINMEI, US
[73] GOOGLE INC., US
[85] 2014-06-11
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[54] **DISPENSING CLOSURE**
[54] **FERMETURE DE DISTRIBUTION**
[72] PICHRT, VLADISLAV, CZ
[73] ISOLINE, S.R.O., CZ
[85] 2014-06-11
[86] 2012-02-13 (PCT/IB2012/050626)
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[25] EN
[54] **IMPINGEMENT COOLING MECHANISM, TURBINE BLADE AND COMBUSTOR**
[54] **MECANISME DE REFROIDISSEMENT PAR IMPACT DE JET, AUBE DE TURBINE ET CHAMBRE DE COMBUSTION**
[72] OKITA, YOJI, JP
[72] FUJIMOTO, SHU, JP
[72] NAKAMATA, CHIYUKI, JP
[73] IHI CORPORATION, JP
[85] 2014-06-12
[86] 2012-12-13 (PCT/JP2012/082314)
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[30] JP (2011-274929) 2011-12-15

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[13] C
[51] **Int.Cl. A63B 31/00 (2006.01) A63B 69/12 (2006.01) A63K 3/02 (2006.01)**
[25] EN
[54] **START ASSIST DEVICE FOR SWIMMERS WITH POSITIONING AND REMOVAL MECHANISM**
[54] **DISPOSITIF D'AIDE AU DEMARRAGE POUR NAGEURS DOTE D'UN MECANISME DE POSITIONNEMENT ET DE RETRAIT**
[72] STOCKINGER, CHRISTIAN, US
[72] SOLANYK, ERIC, US
[73] EVERLAST CLIMBING INDUSTRIES, INC. DBA COLORADO TIME SYSTEMS, US
[85] 2014-06-25
[86] 2013-07-31 (PCT/US2013/052900)
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[51] **Int.Cl. H01M 8/0273 (2016.01) H01M 8/0258 (2016.01)**
[25] EN
[54] **FUEL CELL WITH SEALING STRUCTURE BETWEEN THE FRAME AND SEPARATOR**
[54] **PILE A COMBUSTIBLE A STRUCTURE D'ETANCHEISATION ENTRE LE CADRE ET LE SEPARATEUR**
[72] IRITSUKI, KEITA, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2014-07-18
[86] 2013-03-12 (PCT/JP2013/056790)
[87] (WO2013/141079)
[30] JP (2012-063075) 2012-03-21

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[51] **Int.Cl. F04C 18/16 (2006.01) F04C 23/00 (2006.01) F04C 28/06 (2006.01)**
[25] EN
[54] **COMPRESSOR DEVICE AS WELL AS THE USE OF SUCH A COMPRESSOR DEVICE**
[54] **DISPOSITIF DE COMPRESSEUR, AINSI QUE L'UTILISATION D'UN TEL ENSEMBLE**
[72] DESIRON, ANDRIES JAN F., BE
[73] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
[85] 2014-07-24
[86] 2012-06-27 (PCT/BE2012/000032)
[87] (WO2013/126969)
[30] BE (2012/0119) 2012-02-28

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[25] EN
[54] **MOBILE SPLIT-SEAT ASSEMBLY**
[54] **SYSTEME DE SIEGE DIVISE MOBILE**
[72] AHMED, MUNIR, US
[73] MAHA MEDICAL EQUIPMENT, INC., US
[85] 2014-06-30
[86] 2013-07-18 (PCT/US2013/051076)
[87] (WO2014/120274)
[30] US (61/849,563) 2013-01-29
[30] US (13/944,461) 2013-07-17

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[51] **Int.Cl. C12M 1/36 (2006.01) C02F 3/28 (2006.01) C02F 11/04 (2006.01) C12M 1/00 (2006.01) C12M 1/107 (2006.01) C12M 1/34 (2006.01) C12P 1/00 (2006.01) C12P 5/02 (2006.01) C12P 7/54 (2006.01) C12Q 3/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ANAEROBIC DIGESTION OF BIOMATERIALS**
[54] **SYSTEMES ET PROCEDES POUR LA DIGESTION ANAEROBIQUE DE BIOMATERIAUX ET PROCEDES POUR LA DIGESTION ANAEROBIQUE DE BIOMATERIAUX**
[72] SMITH, CHARLES SATISH, US
[73] EPCOT CRENSHAW CORPORATION, US
[85] 2014-07-25
[86] 2012-01-28 (PCT/US2012/023045)
[87] (WO2013/112182)

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[13] C
[51] **Int.Cl. F02K 3/06 (2006.01) F02C 7/00 (2006.01) F04D 29/38 (2006.01)**
[25] EN
[54] **FAN ROTOR BLADE OF AIRCRAFT JET ENGINE**
[54] **AILETTE DE ROTOR DE SOUFFLANTE D'UN MOTEUR A REACTION POUR AERONEF**
[72] YAGI, HIROYUKI, JP
[72] KUROKI, HIROSHI, JP
[72] OBUCHI, KENRO, JP
[73] IHI CORPORATION, JP
[85] 2014-07-28
[86] 2013-01-30 (PCT/JP2013/051959)
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[13] C
[51] **Int.Cl. B60R 11/04 (2006.01)**
[25] EN
[54] **SURROUNDINGS MONITORING SYSTEM, WORK VEHICLE, AND SURROUNDINGS MONITORING METHOD**
[54] **MECANISME DE SURVEILLANCE D'ENTOURAGE, VEHICULE DE TRAVAIL ET METHODE DE SURVEILLANCE D'ENTOURAGE**
[72] KURIHARA, TAKESHI, JP
[72] NAKANISHI, YUKIHIRO, JP
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[54] **FERMETURE A GLISSIERE D'ECLATEMENT**
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[72] SWAIN, HENRY L., US
[73] ILLINOIS TOOL WORKS INC., US
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[25] EN
[54] **BREATHING APPARATUS FILLING STATION AND FILLING STATION RECHARGING DEVICE**
[54] **STATION DE REMPLISSAGE D'UN APPAREIL RESPIRATOIRE ET DISPOSITIF DE RECHARGE D'UNE STATION DE REMPLISSAGE**
[72] MODIRZAREH, AMIR, AU
[72] REILING, MAXIMILIAN STEFAN THEODOR, AU
[73] DRAEGER SAFETY AG & CO. KGAA, DE
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[54] **SYSTEM AND METHOD FOR METER SUBSTITUTION FOR CO-LOCATED FLOWMETERS**
[54] **SYSTEME ET PROCEDE POUR SUBSTITUTION DE DISPOSITIF DE MESURE POUR DEBITMETRES CO-SITUES**
[72] GROESCHEL, KERRY D., US
[72] FORBES, GRAHAM W., US
[73] DANIEL MEASUREMENT AND CONTROL, INC., US
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[54] **PROCEDE DE PREPARATION DE SILICE PRECIPITEE COMPRENANT UNE ETAPE DE DELITAGE A CHAUD**
[72] FOURNIER, ELISE, FR
[72] NEVEU, SYLVAINE, FR
[72] RACINOUX, JOEL, FR
[73] RHODIA OPERATIONS, FR
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[72] MONCRIEF, FRANK N., US
[72] KASTANEK, RAYMOND S., US
[72] BALDINO, MARK, US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
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[54] **METHOD AND APPARATUS FOR HYDRAULIC FRACTURING**
[54] **PROCEDE ET APPAREIL POUR FRACTIONNEMENT HYDRAULIQUE**
[72] RING, LEV, US
[72] GARCIA, CESAR G., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **ANTICORPS BISPECIFIQUES ANTI-BAFF-ANTI-IL-17**
[72] ALLAN, BARRETT, US
[72] BENSCHOP, ROBERT JAN, US
[72] LU, JIRONG, US
[73] ELI LILLY AND COMPANY, US
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[25] EN
[54] **PROCESSES FOR TREATING RESERVOIR FLUID COMPRISING MATERIAL PRODUCED FROM A HYDROCARBON CONTAINING RESERVOIR**
[54] **PROCEDES DE TRAITEMENT DE FLUIDE DE RESERVOIR COMPRENANT UN MATERIAU PROVENANT D'UN RESERVOIR CONTENANT UN HYDROCARBURE**
[72] DONALD, ANDREW, CA
[72] PUGSLEY, TODD STEWART, CA
[73] SUNCOR ENERGY INC., CA
[86] (2870798)
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[54] **POLYMERES ADSORBABLES DURABLES**
[72] GANE, PATRICK A.C., CH
[72] BURI, MATTHIAS, CH
[72] RENTSCH, SAMUEL, CH
[72] GANNEAU, CECILE, FR
[73] OMYA INTERNATIONAL AG, CH
[85] 2014-10-17
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[54] **READY TO BE INFUSED GEMCITABINE SOLUTION**
[54] **SOLUTION DE GEMCITABINE PRETE A ETRE PERFUSEE**
[72] KUMAR, SAMARTH, IN
[72] KANE, PRASHANT, IN
[72] NAMDEO, ALOK B, IN
[72] BHOWMICK, SUBHAS B, IN
[72] GANORKAR, KIRTI, IN
[73] SUN PHARMACEUTICAL INDUSTRIES LTD, IN
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[54] **MULTI-MEDIA ROTATING UNION**
[54] **RACCORD UNION ROTATIF POUR MILIEUX DIFFERENTS**
[72] FORD, SCOTT K., US
[72] SACRAMENTO, ANTHONY R., JR., US
[73] DEUBLIN COMPANY, US
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[54] **FREE-STANDING LINER UNIT AND METHOD OF BUILDING TANK**
[54] **UNITE DE CHEMISE AUTOPORTANTE ET PROCEDE DE CONSTRUCTION DE RESERVOIR**
[72] UCHIYAMA, NORIO, JP
[73] IHI CORPORATION, JP
[85] 2014-10-23
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[54] **LOW TEMPERATURE CONDUIT COUPLING**
[54] **RACCORD DE CONDUITE BASSE TEMPERATURE**
[72] VON KEITZ, ANDREAS, DE
[73] VON KEITZ, ANDREAS, DE
[85] 2014-10-24
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[51] **Int.Cl. G01N 23/00 (2006.01) B07B 13/18 (2006.01) E21C 41/30 (2006.01)**
[25] EN
[54] **SORTING MATERIALS USING PATTERN RECOGNITION, SUCH AS UPGRADING NICKEL LATERITE ORES THROUGH ELECTROMAGNETIC SENSOR-BASED METHODS**
[54] **TRI DE MATERIAUX FAISANT APPEL A LA RECONNAISSANCE DES FORMES, TEL QUE VALORISATION DE MINERAIS DE LATERITE NICKELIFERE PAR DES PROCEDES BASES SUR DES CAPTEURS ELECTROMAGNETIQUES**
[72] BAMBER, ANDREW SHERLIKER, CA
[72] BARCZA, NICHOLAS, CA
[72] CSINGER, ANDREW, CA
[73] MINESENSE TECHNOLOGIES LTD., CA
[85] 2014-10-27
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[54] **NEW METHODS**
[54] **NOUVEAUX PROCEDES**
[72] PELLETIER, MARC F., US
[72] FARR, GEORGE WILLIAM, US
[72] MCGUIRK, PAUL ROBERT, US
[72] HALL, CHRISTOPHER H., US
[72] BORON, WALTER F., US
[73] AEROMICS, INC., US
[85] 2014-10-29
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[25] EN
[54] **RECOMBINANT PRODUCTION OF MIXTURES OF ANTIBODIES**
[54] **PRODUCTION PAR RECOMBINAISON DE MELANGES D'ANTICORPS**
[72] VAN BERKEL, PATRICIUS HENDRIKUS CORNELIS, NL
[72] BRUS, RONALD HENDRIK PETER, NL
[72] BOUT, ABRAHAM, NL
[72] LOGTENBERG, TON, NL
[73] MERUS N.V., NL
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[54] **IMPROVEMENTS IN SPORTS PERFORMANCE ENHANCEMENT SYSTEMS**
[54] **AMELIORATIONS DE SYSTEMES D'AMELIORATION DE PERFORMANCES SPORTIVES**
[72] CRANKE, CHRISTOPHER T., US
[72] SCHREIBER, DANIEL, US
[73] FUNCTIONWEAR, LLC, US
[85] 2014-10-29
[86] 2013-05-06 (PCT/US2013/039703)
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[30] US (13/464,853) 2012-05-04
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[25] EN
[54] **USING CARD IMAGE TO EXTRACT BANK ACCOUNT INFORMATION**
[54] **UTILISATION D'UNE IMAGE DE CARTE POUR EXTRAIRE DES INFORMATIONS DE COMPTE BANCAIRE**
[72] FASOLI, JONATHAN DAVID, US
[72] KAPADIA, PRANAY, US
[72] DORSCH, WILLIAM MICHAEL, US
[73] INTUIT INC., US
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[54] **ENCRYPTION/DECRYPTION OF PROGRAM DATA BUT NOT PSI DATA**
[54] **CHIFFREMENT/DECHIFFREMENT DE DONNEES DE PROGRAMMES A L'EXCEPTION DES INFORMATIONS SPECIFIQUES PROGRAMME**
[72] LEWIS, RICHARD, US
[72] HAUGE, RAYMOND C., US
[72] TURNER, RUDOLF, US
[73] ZENITH ELECTRONICS CORPORATION, US
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[87] (2873159)
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[51] **Int.Cl. E21B 33/128 (2006.01) E21B 23/06 (2006.01)**
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[54] **PACKING ELEMENT BACKUP SYSTEM**
[54] **SYSTEME DE SOUTIEN D'ELEMENTS DE GARNISSAGE**
[72] BISHOP, DAVID S., US
[72] RUFFO, ANTONIO C., US
[72] LEHR, DOUGLAS J., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **ABSORBENT ARTICLES WITH ELASTICS IN MULTIPLE LAYERS**
[54] **ARTICLES ABSORBANTS COMPRENANT DES ELASTIQUES EN COUCHES MULTIPLES**
[72] WADE, SARAH MARIE, US
[72] GLAHN, TINA MARIE, US
[72] LAVON, GARY DEAN, US
[72] JURATOVAC, DIANA WOEHNL, US
[72] ISHIHARA, KAORU, US
[72] NISHIKAWA, MASAHARU, US
[72] ZINK, RONALD JOSEPH, US
[72] MACURA, ANNA ELIZABETH, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **LIQUID CRYSTAL CONTROL STRUCTURE, TIP-TILT-FOCUS OPTICAL PHASED ARRAY AND HIGH POWER ADAPTIVE OPTIC**
[54] **STRUCTURE DE COMMANDE A CRISTAUX LIQUIDES, RESEAU A COMMANDE DE PHASE OPTIQUE A CORRECTION DE BASCULEMENT ET DE FOCALISATION, ET OPTIQUE ADAPTATIVE DE GRANDE PUISSANCE**
[72] SMITH, IRL W., US
[72] DORSCHNER, TERRY A., US
[72] KIRCHNER, AMANDA J., US
[72] COLLINS, STEVEN R., US
[72] RESLER, DANIEL P., US
[72] PALMACCIO, LINDA A., US
[73] RAYTHEON COMPANY, US
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[51] **Int.Cl. B65G 5/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR STORING HYDROGEN IN A SALT CAVERN WITH A PERMEATION BARRIER**
[54] **PROCEDE ET SYSTEME DE STOCKAGE D'HYDROGENE DANS UNE CAVERNE DE SEL AVEC UNE BARRIERE DE PERMEATION**
[72] OATES, ROMMEL M., US
[73] PRAXAIR TECHNOLOGY, INC., US
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[54] **IMIDAZO[1,2-B]PYRIDAZINE DERIVATIVES AS KINASE INHIBITORS**
[54] **DERIVE D'IMIDAZO[1,2-B]PYRIDAZINE COMME INHIBITEUR DE KINASE**
[72] TAKEDA, YASUYUKI, JP
[72] YOSHIKAWA, KENJI, JP
[72] KAGOSHIMA, YOSHIKO, JP
[72] YAMAMOTO, YUKO, JP
[72] TANAKA, RYOICHI, JP
[72] TOMINAGA, YUICHI, JP
[72] KIGA, MASAKI, JP
[72] HAMADA, YOSHITO, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
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[54] **SHUNT TUBE CONNECTION ASSEMBLY AND METHOD**
[54] **PROCEDE ET ENSEMBLE DE RACCORDEMENT DE TUBE DE DERIVATION**
[72] CUNNINGHAM, GREGORY SCOTT, US
[72] LEAST, BRANDON THOMAS, US
[72] GRECI, STEPHEN MICHAEL, US
[72] LOPEZ, JEAN MARC, US
[72] VEIT, JAN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **GESTION DE COMMUNICATIONS ENTRE DES NOEUDS INFORMATIQUES**
[72] HOOLE, QUINTON R., US
[72] PINKHAM, CHRISTOPHER C., US
[72] PATERSON-JONES, ROLAND, US
[72] VAN BILJON, WILLEM R., US
[73] AMAZON TECHNOLOGIES, INC., US
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[25] EN
[54] **SYSTEMS AND METHODS FOR AUTHENTICATING MOBILE DEVICES AT AN INCIDENT VIA COLLABORATION**
[54] **SYSTEMES ET PROCEDE D'AUTHENTIFICATION DE DISPOSITIFS MOBILES LORS D'UN INCIDENT PAR L'INTERMEDIAIRE D'UNE COLLABORATION**
[72] KLEIN, DAVID E., US
[72] BLANCO, ALEJANDRO G., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2014-12-04
[86] 2013-05-16 (PCT/US2013/041311)
[87] (WO2013/188043)
[30] US (13/517,703) 2012-06-14

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[13] C
[51] **Int.Cl. H04B 1/69 (2011.01) H04L 27/26 (2006.01)**
[25] EN
[54] **METHOD FOR SPREADING A PLURALITY OF DATA SYMBOLS ONTO SUBCARRIERS OF A CARRIER SIGNAL**
[54] **PROCEDE D'ETALEMENT D'UNE PLURALITE DE SYMBOLES DE DONNEES SUR DES SOUS-PORTEUSES D'UN SIGNAL PORTEUR**
[72] KEUSGEN, WILHELM, DE
[72] PETER, MICHAEL, DE
[72] KORTKE, ANDREAS, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[13] C
[51] **Int.Cl. E21B 10/44 (2006.01) E21B 10/42 (2006.01)**
[25] EN
[54] **CUTTING ELEMENT, TOOL AND METHOD OF CUTTING WITHIN A BOREHOLE**
[54] **ELEMENT DE COUPE, OUTIL ET PROCEDE DE COUPE DANS UN TROU DE FORAGE**
[72] STOWE, CALVIN J., II, US
[73] BAKER HUGUES INCORPORATED, US
[85] 2014-12-12
[86] 2013-05-16 (PCT/US2013/041363)
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[30] US (13/530,942) 2012-06-22

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[25] EN
[54] **SYSTEM FOR CORRELATING METADATA**
[54] **TRAITEMENT DE DONNEES**
[72] KAPKOWSKI, GRZEGORZ, PL
[72] KASZYNSKI, MARCIN, PL
[72] STEPNIOWSKI, MAREK M., PL
[73] ARRIS ENTERPRISES LLC, US
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[54] **PROCEDE D'ELIMINATION DES DEPOTS INORGANIQUES**
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[72] GOMAA, AHMED M., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **METHOD AND APPARATUS FOR ENCODING/DECODING MOTION VECTOR**
[54] **PROCEDE ET APPAREIL DE CODAGE/DECODAGE D'UN VECTEUR MOUVEMENT**
[72] LEE, TAMMY, KR
[72] HAN, WOO-JIN, KR
[72] LEE, KYO-HYUK, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **PROCEDE ET APPAREIL D'EXPLOITATION DE FONCTIONS D'INTERFACE D'ACCESSOIRE SUR UN SEUL SIGNAL**
[72] HARMKE, CHARLES B., US
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **METHOD AND APPARATUS FOR PROCESSING VIDEO SIGNAL**
[54] **PROCEDE ET APPAREIL POUR TRAITER UN SIGNAL VIDEO**
[72] JUNG, JIWOOK, KR
[72] YEA, SEHOON, KR
[72] KOO, MOONMO, KR
[72] HEO, JIN, KR
[72] KIM, TAESUP, KR
[72] SUNG, JAEWON, KR
[72] SON, EUNYONG, KR
[73] LG ELECTRONICS INC., KR
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[54] **APPAREIL DESTINE A AJUSTER LA HAUTEUR D'ACCOUDOIR D'UN ENGIN DE CONSTRUCTION**
[72] PARK, HYUN-SOO, KR
[73] VOLVO CONSTRUCTION EQUIPMENT AB, SE
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[54] **DETONATEURS INTEGRES POUR ENGINS EXPLOSIFS**
[72] BROOKS, JAMES E., US
[72] LERCHE, NOLAN C., US
[72] VENERUSO, ANTHONY F., US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **TREPAN A APPLICATION DE FORCE EMPLOYANT UN MOTEUR ET UN MECANISME A VIS POUR CONTROLER LE DEPLOIEMENT D'UN COUSSIN DANS LE TREPAN**
[72] SCHWEFE, THORSTEN, GB
[72] RAZ, DAN, IL
[72] RINBERG, GREGORY, IL
[73] BAKER HUGHES INCORPORATED, US
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[54] **DRILL BIT WITH HYDRAULICALLY-ACTIVATED FORCE APPLICATION DEVICE FOR CONTROLLING DEPTH-OF-CUT OF THE DRILL BIT**
[54] **TREPAN AVEC DISPOSITIF D'APPLICATION DE FORCE COMMANDE HYDRAULIQUEMENT POUR COMMANDER LA PROFONDEUR DE COUPE DU TREPAN**
[72] SCHWEFE, THORSTEN, GB
[73] BAKER HUGHES INCORPORATED, US
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[72] MAZYAR, OLEG A., US
[72] GOODSON, JAMES E., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **AMELIORATION DE DOCUMENTS DE SECURITE**
[72] BATISTATOS, ODISEA, AU
[72] POWER, GARY FAIRLESS, AU
[73] INNOVIA SECURITY PTY LTD, AU
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[54] **CONNECTEUR ELECTRIQUE ROTATIF A CANAUX MULTIPLES**
[72] SCHROTER, TERENCE A., CA
[72] ISHFAQ, EHTISHAM, CA
[72] D'SILVA, ALBEN, CA
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ROULEAU DE TRANSPORT MUNI D'UN ELEMENT DE RACCORDEMENT**
[72] LINDEMANN, HARRY, DE
[73] INTERROLL HOLDING AG, CH
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[54] **PARTICLE DETECTOR, SYSTEM AND METHOD**
[54] **DETECTEUR DE PARTICULES, SYSTEME ET PROCEDE**
[72] KNOX, RON, AU
[72] BOETTGER, KARL, AU
[72] AJAY, KEMAL, AU
[73] XTRALIS TECHNOLOGIES LTD, BS
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[54] **METHOD OF CENTRIFUGAL CASTING USING DRY COATED SAND CORES**
[54] **PROCEDE DE COULAGE PAR CENTRIFUGATION A L'AIDE DE NOYAUX DE SABLE REVETUS A SEC**
[72] REICH, DAVID, US
[72] REICH, HARRY, US
[73] LAEMPEREICH CORPORATION, US
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[54] **RETAIL READY CONTAINER AND METHOD OF DEPLOYING SAME**
[54] **CONTENANT PRET POUR LA VENTE AU DETAIL ET PROCEDE D'INSTALLATION ASSOCIE**
[72] DECELLO, THOMAS E., US
[72] LITTLE, TROY M., US
[73] GYRE INNOVATIONS, LLC, US
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[54] **HEAT EXCHANGER PLATE AND PLATE HEAT EXCHANGER COMPRISING SUCH A HEAT EXCHANGER PLATE**
[54] **PLAQUE D'ECHANGEUR THERMIQUE ET ECHANGEUR THERMIQUE A PLAQUES COMPRENANT LADITE PLAQUE**
[72] HEDBERG, MAGNUS, SE
[72] NILSSON, JOHAN, SE
[73] ALFA LAVAL CORPORATE AB, SE
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[54] **FOAM STABILIZATION WITH POLYETHYLENEIMINE ETHOXYLATES**
[54] **STABILISATION DE MOUSSE AVEC DES ETHOXYLATES DE POLYETHYLENEIMINE**
[72] MAN, VICTOR FUK-PONG, US
[72] KILLEEN, YVONNE MARIE, US
[73] ECOLAB USA INC., US
[85] 2015-03-25
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[54] **MARINE FUEL SYSTEM WITH SPILL CONTROL FEATURE**
[54] **CIRCUIT DE CARBURANT DE NAVIRE DOTE D'UNE FONCTION DE CONTROLE DU DEVERSEMENT**
[72] SALER, JOHN L., US
[73] CARTER FUEL SYSTEMS, LLC, US
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[54] **IMPROVED V-PANEL FILTER**
[54] **FILTRE DE PANNEAU EN V AMELIORE**
[72] KELMARTIN, THOMAS P., US
[72] POON, WAI SING, US
[72] BRIGGS, MARK DUANE, US
[72] GESSNER, MATTHEW ROBERT, US
[72] PINGRY, RYDER WILLIAM, US
[72] RILEY, SHAWN PATRICK, US
[72] ROBB, STEPHEN, US
[72] ZUKOR, KENNETH STEPHEN, US
[73] W.L. GORE & ASSOCIATES, INC., US
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[54] **AIRCRAFT FOAM INSULATION METHOD AND APPARATUS**
[54] **METHODE D'ISOLATION D'AERONEF A LA MOUSSE ET APPAREIL**
[72] YOUNIE, MARK LAWRENCE, US
[73] THE BOEING COMPANY, US
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[54] **TRAIN SAFETY SYSTEM**
[54] **SYSTEME DE SECURITE POUR TRAIN**
[72] PERRAS, CLAUDE, CA
[72] THORPE, LEIGH, CA
[72] BLOUIN, FRANCOIS, CA
[73] VIA RAIL CANADA INC., CA
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[54] **GENETIC POLYMORPHISMS ASSOCIATED WITH LIVER FIBROSIS METHODS OF DETECTION AND USES THEREOF**
[54] **POLYMORPHISMES GENETIQUES ASSOCIES A DES TECHNIQUES DE DETECTION DE CIRRHOSE DU FOIE ET UTILISATION DE CES POLYMORPHISMES**
[72] CARGILL, MICHELE, US
[72] HUANG, HONGJIN, US
[73] CELERA CORPORATION, US
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[54] **METHOD AND APPARATUS OF RESOURCE ALLOCATION OR RESOURCE RELEASE**
[54] **PROCEDE ET APPAREIL D'ATTRIBUTION OU DE LIBERATION DE RESSOURCE**
[72] AMORIM, AARON, CA
[73] THALES CANADA INC., CA
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[54] **ENCRE OFFRANT DES PROPRIETES DE MOUILLAGE AMELIOREES**
[72] BRETON, MARCEL P., CA
[72] ABRAHAM, BIBY ESTHER, CA
[72] MAYO, JAMES D., CA
[72] FARRUGIA, VALERIE M., CA
[72] ELIYAHU, JENNY, CA
[72] GOREDEMA, ADELA, CA
[72] KEOSHKERIAN, BARKEV, CA
[72] GAGNON, YVAN, CA
[72] IFTIME, GABRIEL, US
[73] XEROX CORPORATION, US
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[54] **LAMPE A DIODE ELECTROLUMINESCENTE D'EXTERIEUR**
[72] ZUO, XIANGLING, CN
[73] DONGGUAN WEIRUI ELECTRONIC CO. LTD, CN
[85] 2015-04-10
[86] 2013-09-26 (PCT/CN2013/084320)
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[54] **ASSEMBLY AND METHOD FOR SUBSEA HYDROCARBON GAS RECOVERY**
[54] **ENSEMBLE ET PROCEDE DE RECUPERATION SOUS-MARINE DE GAZ D'HYDROCARBURES**
[72] DIRKSEN, RONALD JOHANNES, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-27
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[54] **INSTRUMENT CHIRURGICAL AVEC SYSTEME ASSERVI**
[72] SHELTON, FREDERICK E., IV, US
[72] MORGAN, JEROME R., US
[72] DOLL, KEVIN R., US
[72] SWAYZE, JEFFREY S., US
[72] TIMPERMAN, EUGENE L., US
[73] ETHICON ENDO-SURGERY, INC., US
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[54] **WELLBORE SERVICING COMPOSITIONS AND METHODS OF MAKING AND USING SAME**
[54] **COMPOSITIONS D'ENTRETIEN COURANT DE PUITS DE FORAGE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] BRALEY, NICHOLAS CHARLES, US
[72] BADALAMENTI, ANTHONY M., US
[72] DEVILLE, JAY PAUL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SOLID FERMENTED SOY MILK PRODUCT AND PROCESS FOR MANUFACTURING SAME**
[54] **PRODUIT DE LAIT DE SOJA FERMENTE SOLIDE ET SON PROCEDE DE FABRICATION**
[72] TSUCHIMOTO, NORIHIKO, JP
[73] SAPPORO HOLDINGS LIMITED, JP
[85] 2015-05-22
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[54] **SUPPORT DE MOTEUR POUR MOTEURS SUBMERSIBLES ELECTRIQUES**
[72] PARMETER, LARRY JAMES, US
[72] LEAMY, BRETT D., US
[72] ROBERTS, RANDY S., US
[72] DAVIS, GREGORY AUSTIN, US
[72] KENNER, JOHN VANDERSTAAY, US
[73] SUMMIT ESP, LLC, US
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[25] EN
[54] **EYEWEAR WITH LOCKING LENS FRAME**
[54] **LUNETTES AVEC MONTURE A VERRES A VERROU**
[72] DAMIN, MARCO, IT
[72] AASKOV, MICHAEL, US
[72] GIROUX, GEORGE T., US
[72] CHILSON, JAMES A., US
[73] SMITH OPTICS, INC., US
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[87] (2893146)
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[25] EN
[54] **LAUNDRY TREATMENT APPARATUS WITH ACCOMMODATION UNIT**
[54] **APPAREIL DE TRAITEMENT DE LESSIVE DOTE D'UN MODULE D'ADAPTATION**
[72] SEO, JINWOO, KR
[72] LEE, JIHONG, KR
[72] KIM, WOOSEONG, KR
[73] LG ELECTRONICS INC., KR
[86] (2893213)
[87] (2893213)
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[54] **HITCH BALL WITH LOCKING BAIL**
[54] **SPHERE D'ATTELAGE AVEC ETRIER VERROUILLABLE**
[72] MCCALL, TRAVIS M., US
[72] WORKS, ANTHONY J., US
[73] B&W CUSTOM TRUCK BEDS, INC., US
[86] (2894041)
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[54] **SLIDING SASH SECONDARY LOCK**
[54] **VERROU SECONDAIRE POUR VOLET COULISSANT**
[72] BACZUK, ERIC A., US
[72] DODGE, TRAVIS J., US
[73] MILGARD MANUFACTURING INCORPORATED, US
[86] (2894103)
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[30] US (14/712,858) 2015-05-14

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[51] **Int.Cl. E04H 17/20 (2006.01)**
[25] EN
[54] **RAILING SUPPORT POST WITH THREADED RECEIVERS**
[54] **MONTANT DE SUPPORT DE RAMPE AVEC RECEPTEURS FILETES**
[72] HERMAN, JOEL, DUANE, US
[72] HERMAN, JOEL DUANE, US
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[72] BARNARD, JASON J., US
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[54] **GEARED TURBOFAN ENGINE WITH LOW PRESSURE ENVIRONMENTAL CONTROL SYSTEM FOR AIRCRAFT**
[54] **TURBOREACTEUR A DOUBLE FLUX A ENGRENAGES AVEC SYSTEME DE REGULATION ENVIRONNEMENTALE A BASSE PRESSION POUR AERONEF**
[72] SCHWARZ, FREDERICK M., US
[72] SUCIU, GABRIEL L., US
[73] UNITED TECHNOLOGIES CORPORATION, US
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[54] **PROCEDE D'INSTALLATION DE PLAQUE DE DOUBLAGE ET PLAQUE DE DOUBLAGE**
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[54] **PROCEDES ET DISPOSITIF DE REDUCTION DES EFFETS D'ABSORPTION DE L'ENERGIE DE BALLOTTEMENT GRACE A LA REDUCTION DE L'ECOULEMENT SANGUIN DEPUIS LE CRANE**
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[72] FISHER, JOSEPH ARNOLD, CA
[73] THORNHILL RESEARCH INC., CA
[73] TBI INNOVATIONS, LLC, US
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[54] **INSTALLATION DE COULEE CONTINUE**
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[72] MARUKI, YASUO, JP
[72] MIKI, DAISUKE, JP
[72] UCHIYAMA, HIROAKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **NOUVELLE UTILISATION DE COMPOSES IL-1BETA**
[72] LOWE, PHIL, CH
[72] GRAM, HERMANN, CH
[72] JUNG, THOMAS, CH
[72] WRIGHT, TIMOTHY, CH
[72] MUNDEL, TREVOR, CH
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[54] **PROCEDE ET APPAREIL POUR AUTHENTIFIER UN UTILISATEUR SUR LA BASE DE DONNEES AUDIO ET VIDEO**
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[72] LU, LI, CN
[72] WANG, ERYU, CN
[72] YUE, SHUAI, CN
[72] RAO, FENG, CN
[72] LIU, HAIBO, CN
[72] LI, LU, CN
[72] LU, DULING, CN
[72] CHEN, BO, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
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[72] BURKE, HARALD, AT
[72] TAUCH, DIANA, CH
[72] SCHWEIGER, MARCEL, CH
[72] HOLAND, WOLFRAM, LI
[72] RITZBERGER, CHRISTIAN, CH
[72] RHEINBERGER, VOLKER, LI
[73] IVOCLAR VIVADENT AG, LI
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[54] **BOULONNEUSE COMPORTANT UN MECANISME D'ALIGNEMENT PERMETTANT DE PASSER DU FORAGE AU BOULONNAGE**
[72] NELSON, YVES, CA
[73] 1311854 ONTARIO LIMITED, CA
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[54] **SYSTEME, PROCEDE ET APPAREIL DE TRAITEMENT DE PRODUITS MINIERS DERIVES**
[72] FORET, TODD, US
[73] FORET PLASMA LABS, LLC, US
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[72] NAKAMURA, AKIHIKO, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
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[72] SAMMARTINO, GIUSEPPE, US
[72] GOLEMBIEWSKI, RONALD D., US
[73] STANDARD CAR TRUCK COMPANY, US
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[54] **SYSTEME DE MELANGE D'AGENT DE SOUTENEMENT POUR UN SYSTEME DE FRACTURATION A GAZ COMPRIME**
[72] RODELA, ANDRES, US
[72] BURNETTE, BLAKE, US
[72] GUPTA, D.V. SATYANARAYANA, US
[72] MCCARTY, WILLIAM, US
[72] AGRAWAL, GAURAV, SA
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[54] **MACHINE DE RECOLTE DOTEE D'UN ORGANE DE COUPE SEPARABLE D'UN TRACTEUR**
[72] ENNS, JOHN E, CA
[72] JABAL, ARVINDER S., CA
[73] MACDON INDUSTRIES LTD., CA
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[54] **FIXATION DEVICE FOR A STRAP WITH A SELF LOCKING BUCKLE ON A BLOWER/VACUUM AND A CORRUGATED HOSE**
[54] **DISPOSITIF DE FIXATION D'UNE SANGLE AVEC UNE BOUCLE AUTOBLOQUANTE SUR UN SOUFFLEUR/ASPIRATEUR ET UN TUYAU ONDULE**
[72] LALIBERTE, WILLIAM W. L., CA
[72] LALIBERTE, DENIS D. L., CA
[73] LALIBERTE, WILLIAM W. L., CA
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[54] **DEVICES FOR INJECTION OF GASEOUS STREAMS INTO A BED OF FLUIDIZED SOLIDS**
[54] **DISPOSITIFS D'INJECTION DE FLUX GAZEUX DANS UN LIT DE SOLIDES FLUIDISES**
[72] CASTAGNOS, LEONCE FRANCIS, JR., US
[72] CHAN, TING YEE, US
[72] PIEPER, RONALD EUGENE, US
[72] KOLB, NORMAN PAUL, US
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[72] WOOLMAN, DANIEL, GB
[72] WOOLMAN, STUART, US
[73] WOOLMAN, DANIEL, GB
[73] WOOLMAN, STUART, US
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[54] **WELDED PORTION INSPECTION APPARATUS AND INSPECTION METHOD THEREOF**
[54] **APPAREIL D'INSPECTION DE PARTIE SOUDEE ET PROCEDE D'INSPECTION ASSOCIE**
[72] KOBAYASHI, HIROOMI, JP
[72] FURUKAWA, MASASHI, JP
[72] UCHIDA, KEISUKE, JP
[72] SHIBATA, YOSHINORI, JP
[72] KAWAKITA, ATSUSHI, JP
[72] KISHI, HIROAKI, JP
[72] AKAMATSU, EIJI, JP
[72] IWAMOTO, YUTA, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[73] WEY, ALBERT C., US
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[54] **PROCEDE DE CALCUL D'INCERTITUDES DANS DES PARAMETRES ESTIMES A PARTIR DE DONNEES DE PROSPECTION MICROSEISMIQUE EN FORME DE FAISCEAU**
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[73] MICROSEISMIC, INC., US
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[54] **GLACIERE POUVANT ETRE TRANSPORTEE SUR UN VEHICULE**
[72] FOY, MARVIN SCOTT, US
[73] M & M ELECTRIC SERVICE, INC., US
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[54] **COMPACT FLUID ANALYSIS DEVICE AND METHOD TO FABRICATE**
[54] **DISPOSITIF D'ANALYSE DE FLUIDE COMPACT ET SON PROCEDE DE FABRICATION**
[72] LAGAE, LIESBET, BE
[72] PEUMANS, PETER, BE
[73] IMEC VZW, BE
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[54] **POLYMER BUILDING PRODUCTS WITH HAMMER STOPS**
[54] **PRODUITS DE CONSTRUCTION EN POLYMERE DOTES DE BUTEES DE MARTEAU**
[72] GAUDREAU, MICHEL, CA
[72] LAGLOIRE, FRANCOIS, CA
[72] ALARIE, GUILLAUME, CA
[72] BILODEAU, RENE, CA
[72] GAUDREAU, LOUIS-ANDRE, CA
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[73] YUAN-MEI CORP., TW
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[25] EN
[54] **NEW ISOINDOLINE OR ISOQUINOLINE COMPOUNDS, A PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[54] **COMPOSES D'ISOINDOLINE OU D'ISOQUINOLINE, UN PROCEDE DE PREPARATION ASSOCIE ET DES COMPOSITIONS PHARMACEUTIQUES EN RENFERMANT**
[72] DAVIDSON, JAMES EDWARD PAUL, GB
[72] MURRAY, JAMES BROOKE, GB
[72] CHEN, I-JEN, GB
[72] WALMSLEY, CLAIRE, GB
[72] DODSWORTH, MARK, GB
[72] MEISSNER, JOHANNES W.G., GB
[72] BROUGH, PAUL, GB
[72] FEJES, IMRE, HU
[72] TATAI, JANOS, HU
[72] NYERGES, MIKLOS, HU
[72] KOTSCHY, ANDRAS, HU
[72] SZLAVIK, ZOLTAN, HU
[72] GENESTE, OLIVIER, FR
[72] LE TIRAN, ARNAUD, FR
[72] LE DIGUARHER, THIERRY, FR
[72] HENLIN, JEAN-MICHEL, FR
[72] STARCK, JEROME-BENOIT, FR
[72] GUILLOUZIC, ANNE-FRANCOISE, FR
[72] DE NANTEUIL, GUILLAUME, FR
[73] VERNALIS (R&D) LIMITED, GB
[73] LES LABORATOIRES SERVIER, FR
[85] 2016-01-12
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[54] **SERVER-SIDE RATE-LIMITING ALGORITHMS FOR PIGGYBACKING SOCIAL UPDATES FOR MOBILE DEVICES**
[54] **ALGORITHMES DE LIMITATION DE DEBIT COTE SERVEUR POUR SUPERPOSER DES MISES A JOUR SOCIALES POUR DES DISPOSITIFS MOBILES**
[72] TOKSVIG, MICHAEL JOHN MCKENZIE, US
[72] PAPAKIPOS, MATTHEW NICHOLAS, US
[73] FACEBOOK, INC., US
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[54] **VIEWER WITH ENHANCED DEPTH PERCEPTION**
[54] **VISIONNEUSE AVEC PERCEPTION DE PROFONDEUR AMELIOREE**
[72] MERCER, GRAHAM PETER FRANCIS, GB
[73] VISION ENGINEERING LIMITED, GB
[85] 2016-02-12
[86] 2014-08-15 (PCT/EP2014/067501)
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[54] **ASHLESS COAL PRODUCTION METHOD**
[54] **PROCEDE DE PRODUCTION DE CHARBON SANS CENDRE**
[72] SAKAI, KOJI, JP
[72] OKUYAMA, NORIYUKI, JP
[72] KINOSHITA, SHIGERU, JP
[72] YOSHIDA, TAKUYA, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
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[86] 2014-10-08 (PCT/JP2014/076982)
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[25] EN
[54] **FUNCTIONALIZED MAGNETIC NANOPARTICLES AND METHODS OF USE THEREOF**
[54] **NANOPARTICULES MAGNETIQUES FONCTIONNALISEES ET LEURS METHODES D'UTILISATION**
[72] AKHTARI, MASSOUD, US
[72] ENGEL, JEROME, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **STRUCTURE DE CONDUCTION ELECTRIQUE POUR MOTEUR DE JET**
[72] OBUCHI, KENRO, JP
[72] YAGI, HIROYUKI, JP
[72] FURUKAWA, HIROYUKI, JP
[72] MORITA, HIDEO, JP
[72] INADA, TAKAOMI, JP
[73] IHI CORPORATION, JP
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[54] **METHODS, DEVICES AND SYSTEMS FOR RECEIVING AND DECODING A SIGNAL IN THE PRESENCE OF NOISE USING SLICES AND WARPING**
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES DE RECEPTION ET DE DECODAGE DE SIGNAL EN PRESENCE DE BRUIT A L'AIDE DE TRANCHES ET D'UNE DISTORSION**
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[72] FLEMING, ROBERT, US
[72] MCALLISTER, WILLIAM H., US
[72] ZDEBLICK, MARK, US
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[54] **STABILISATION VIDEO D'UN CLIP MULTIMEDIA**
[72] KARPENKO, ALEXANDRE, US
[73] FACEBOOK, INC., US
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[25] EN
[54] **POSITIVE LOCKING CONFIRMATION MECHANISM FOR BATTERY CONTACT OF ELECTRIC VEHICLE**
[54] **PROCEDE DE CONFIRMATION D'UN ETAT VERROUILLE DE CONTACT DE BATTERIE POUR VEHICULE ELECTRIQUE**
[72] YANG, ANTHONY ANTAO, CN
[72] CHEN, GORDON CHING, CN
[73] ALEEES ECO ARK (CAYMAN) CO. LTD., KY
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[54] **DISPOSITIF DE SEPARATION CYCLONIQUE, APPAREILLAGE DE COLLECTE DE POUSSIERE ET APPAREIL DE NETTOYAGE**
[72] GU, YOUWEI, CN
[72] GUO, YIJUN, CN
[73] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
[73] MIDEA GROUP CO., LTD., CN
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[54] **HIGH-POWER BREAKDOWN SPARK PLUG**
[54] **BOUGIE D'ALLUMAGE DE CLAQUAGE HAUTE PUISSANCE**
[72] ZHENG, MING, CA
[72] YU, SHUI, CA
[72] LIU, MENGZHU, CN
[72] LI, LIGUANG, CN
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[54] **WOODEN OR OTHER DIELECTRIC CAPACITIVE TOUCH INTERFACE AND LOUDSPEAKER HAVING SAME**
[54] **INTERFACE TACTILE CAPACITIVE DIELECTRIQUE EN BOIS OU AUTRE ET HAUT-PARLEUR AYANT CETTE DERNIERE**
[72] KOSS, MICHAEL J., US
[72] PELLAND, MICHAEL J., US
[72] BLAIR, NICHOLAS, US
[73] KOSS CORPORATION, US
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[54] **SEARCH QUERY INTERACTIONS ON ONLINE SOCIAL NETWORKS**
[54] **INTERACTIONS D'INTERROGATION DE RECHERCHE SUR DES RESEAUX SOCIAUX EN LIGNE**
[72] RAINA, RAJAT, US
[72] HONG, KIHYUK, US
[72] SANKAR, SRIRAM, US
[72] VIROCHSIRI, KITTIPAT, US
[73] FACEBOOK, INC., US
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[54] **PROCEDES ET SYSTEMES DE REGULATION DE CONFIGURATION DE LA SECURITE HOTE**
[72] DURIE, ANTHONY ROBERT, CA
[73] TREND MICRO INCORPORATED, JP
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[54] **FLOATING COVER WITH STRUCTURAL SUPPORTS**
[54] **REVETEMENT FLOTTANT DOTE DE SUPPORTS STRUCTURELS**
[72] MILLS, JAMES A., CA
[73] LAYFIELD GROUP LTD., CA
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[54] **DUAL-ENDED LIP BALM**
[54] **BAUME A LEVRES A DOUBLE EXTREMITE**
[72] KELLER, MATTHEW CLIFTON, US
[72] DOMBROWSKI, DAVID, US
[72] FUHRMEISTER, DAVID CHARLES, US
[72] MARKEY, JONATHON KEITH, US
[72] VALLS, WILLIAM H., US
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[54] **BLENDING SEARCH RESULTS ON ONLINE SOCIAL NETWORKS**
[54] **MELANGE DE RESULTATS DE RECHERCHE SUR DES RESEAUX SOCIAUX EN LIGNE**
[72] KUMAR, GIRISH, US
[72] KESTEN, YUVAL, US
[72] LI, XIAO, US
[72] LOPIANO, FABIO, US
[73] FACEBOOK, INC., US
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[72] CHILDS, DAVID PAUL, GB
[73] SHIELD TX (UK) LTD., GB
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[54] **INTELLIGENT SUPPORT BOX FOR ELECTRIC HYBRID SWITCHES, POWER OUTLETS AND COMBINATIONS THEREOF**
[54] **BOITIER DE SUPPORT INTELLIGENT POUR COMMUTATEURS HYBRIDES ELECTRIQUES, PRISES DE COURANT ET LEURS COMBINAISONS**
[72] ELBERBAUM, DAVID, JP
[73] ELBEX VIDEO LTD., JP
[85] 2016-09-28
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[54] **BEVERAGE CAN COUPLINGS**
[54] **ACCOUPLEMENTS DE BOITES BOISSONS**
[72] GRIERSON, MICHAEL, CA
[72] CAMPION, DAVID, CA
[73] LOJJIX INC., CA
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[25] EN
[54] **FLUID PUMPING SYSTEM WITH A CONTINUOUSLY VARIABLE TRANSMISSION**
[54] **SYSTEME DE POMPAGE DE LIQUIDE DOTE D'UNE TRANSMISSION VARIABLE EN CONTINU**
[72] YOUNKER, KEVIN RALPH, CA
[73] YOUNKER, KEVIN RALPH, CA
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[54] **MOTOR WITH STATOR WINDING TAP AND METHODS FOR STARTING A MOTOR WITH A VARIABLE SPEED DRIVE**
[54] **MOTEUR A PRISE D'ENROULEMENT DE STATOR ET PROCEDES DE DEMARRAGE D'UN MOTEUR A ENTRAINEMENT A VITESSE VARIABLE**
[72] LARA, MARCELO A., US
[73] TMEIC CORPORATION, US
[85] 2016-10-28
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[54] **PLUG FLOW REACTOR WITH INTERNAL RECIRCULATION FLUIDIZED BED**
[54] **REACTEUR A ECOULEMENT PISTON AVEC LIT FLUIDISE A RECIRCULATION INTERNE**
[72] ADHAM, KAMAL, CA
[72] HARRIS, CHRISTOPHER THOMAS, CA
[72] KOKOURINE, ALEXANDRE, CA
[73] HATCH LTD., CA
[85] 2016-12-09
[86] 2015-05-08 (PCT/CA2015/050407)
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[25] FR
[54] **METHOD FOR DETECTING A VALVE FAILURE IN A TURBOSHAFT ENGINE**
[54] **PROCEDE DE DETECTION DE PANNE D'UNE VANNE DANS UN TURBOMOTEUR**
[72] PEROTIN, LAURENT, FR
[72] AMER, MOHAMED, FR
[72] DJELASSI, CEDRIK, FR
[72] TOUYA, JULIE, FR
[73] SAFRAN AIRCRAFT ENGINES, FR
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[25] EN
[54] **INFECTION CONTROL CHAMBER-DISPOSABLE LINER**
[54] **DOUBLURE JETABLE DE CHAMBRE DE CONTROLE D'INFECTION**
[72] WILSON, BRIAN, CA
[71] WILSON, BRIAN, CA
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[25] EN
[54] **TURBOSPINE**
[54] **COLONNE TURBO**
[72] REZAI, SOHRAB, CA
[71] REZAI, SOHRAB, CA
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[25] EN
[54] **ASYMMETRIC CRYPTO MANAGER**
[54] **GESTIONNAIRE DE CHIFFREMENT ASYMETRIQUE**
[72] NIRO, RONNY, CA
[71] NIRO, RONNY, CA
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[54] **WELL ABANDONMENT TOOL AND METHOD OF USE**
[54] **OUTIL D'ABANDON DE PUITS ET METHODE D'UTILISATION**
[72] KUNZ, DALE, CA
[71] KUNZ, DALE, CA
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[54] **VERTICAL STORAGE AND DISPLAY SYSTEM FOR FOOTWEAR AND ACCESSORY APPAREL**
[54] **SYSTEME DE PRESENTATION ET RANGEMENT VERTICAL DE CHAUSSURES ET VETEMENTS ACCESSOIRES**
[72] MCNABB, RANDY E.A., CA
[71] MCNABB, RANDY E.A., CA
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[51] **Int.Cl. C10G 31/08 (2006.01) H01M 8/0662 (2016.01) B01D 3/00 (2006.01)**
[25] EN
[54] **UPGRADING OIL USING SUPERCRITICAL FLUIDS**
[54] **VALORISATION DU PETROLE A L'AIDE DE FLUIDES SUPERCRITIQUES**
[72] MILLAR, MACKENZIE, CA
[72] LOURENCO, JOSE, CA
[71] 1304338 ALBERTA LTD., CA
[71] 1304342 ALBERTA LTD., CA
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[51] **Int.Cl. G06Q 50/22 (2012.01) A61B 5/00 (2006.01) G06F 19/00 (2011.01)**
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[54] **METHODS AND APARATUS FOR THE DETECTION AND REDUCTION OF HEALTH RISKS**
[54] **METHODES ET APPAREILS DE DETECTION ET REDUCTION DES RISQUES POUR LA SANTE**
[72] YAO, HSIN-YUN, CA
[72] LAUGHLIN, SCOTT, CA
[72] LIBERTY, MATHIEU, CA
[72] CHAU, BONNIE, CA
[72] ADDIYA, ADIL, CA
[72] TIGE, QUENTIN, CA
[72] EL KABBAJ, AIDA, CA
[71] YAO, HSIN-YUN, CA
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[51] **Int.Cl. C10G 19/04 (2006.01) C09K 3/00 (2006.01) C09K 8/00 (2006.01) C10G 75/04 (2006.01) C23F 15/00 (2006.01) C23G 1/00 (2006.01)**
[25] EN
[54] **SYNTHETIC HYDROXIDE COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS D'HYDROXYDE SYNTHETIQUES ET LEURS UTILISATIONS**
[72] PURDY, CLAY, CA
[72] THATCHER, DARREN, CA
[72] JAMIESON, ALEXANDER DAVID, CA
[71] FLUID ENERGY GROUP LTD., CA
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[25] EN
[54] **TAIL GATE LATCH EXTENSION**
[54] **RALLONGE DE VERROU DE HAYON**
[72] MACKENZIE, DAVID P., CA
[71] MACKENZIE, DAVID P., CA
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[51] **Int.Cl. F24D 13/02 (2006.01)**
[25] EN
[54] **EFFICIENT ASSEMBLED HEATING ELEMENTS OF LARGE SIZES AND OF METALLIC TUBULAR DESIGNS FOR ELECTRIC RADIANT HEATERS**
[54] **ELEMENTS DE CHAUFFAGE ASSEMBLES EFFICACES DE GRANDES TAILLES ET MODELES TUBULAIRES METALLIQUES DESTINES AUX APPAREILS DE CHAUFFAGE PAR RAYONNEMENT**
[72] GAGNON, GILLES, CA
[71] TEMP4 INC., CA
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[51] **Int.Cl. C08L 23/04 (2006.01)**
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[54] **HIGH DENSITY ROTOMOLDING RESIN**
[54] **RESINE ROTOMOULANTE HAUTE DENSITE**
[72] BELLEHUMEUR, CELINE, CA
[72] HOIDAS, MARK, CA
[71] NOVA CHEMICALS CORPORATION, CA
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[51] **Int.Cl. A41D 3/00 (2006.01)**
[25] EN
[54] **SEPARABLE COVERALL GARMENT AND USES**
[54] **VETEMENT COUVRE-TOUT SEPARABLE ET UTILISATIONS**
[72] SHINGLETON, KEITH, CA
[72] GAUTHIER, DWAYNE, CA
[72] GAUTHIER, DARREN, CA
[71] CSC WORKWEAR INC., CA
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[51] **Int.Cl. B60K 15/00 (2006.01)**
[25] EN
[54] **VEHICLE NATURAL GAS FUEL SUPPLY SYSTEM**
[54] **SYSTEME D'APPROVISIONNEMENT EN GAZ NATUREL POUR VEHICULE**
[72] MCCLURE, CALUM, CA
[71] MCCLURE, CALUM, CA
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[25] EN
[54] **DERMATOLOGICAL STICK COMPRISING PLANT EXTRACTS, METHOD AND USES THEREOF**
[54] **BATON DERMATOLOGIQUE RENFERMANT DES EXTRAITS VEGETAUX, METHODE ET UTILISATIONS ASSOCIEES**
[72] PALMEIRA DE OLIVEIRA, ANA CRISTINA, PT
[72] PALMEIRA DE OLIVEIRA, RITA MANUELA, PT
[72] MARTINEZ SOUTO DE OLIVEIRA, JOSE ANTONIO, PT
[71] PALMEIRA DE OLIVEIRA, ANA CRISTINA, PT
[71] PALMEIRA DE OLIVEIRA, RITA MANUELA, PT
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[25] EN
[54] **MEDICAL TORSION TOOL**
[54] **OUTIL DE TORSION MEDICAL**
[72] DOELL, MICHAEL, CA
[72] PLUMMER, MARIA, CA
[72] IENNA, CORINNA, CA
[71] INGENYEWITY INC., CA
[22] 2015-12-07
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[51] **Int.Cl. B67C 3/14 (2006.01)**
[25] EN
[54] **HOT FILL PROCESS WITH CLOSURES MADE FROM HIGH DENSITY UNIMODAL POLYETHYLENE**
[54] **PROCEDE DE REMPLISSAGE A CHAUD COMPORTANT DES FERMETURES FAITES DE POLYETHYLENE UNIMODAL HAUTE DENSITE**
[72] WANG, XIAOCHUAN, CA
[72] REJMAN, MARK, CA
[72] LEWONIUK, RONALD WILLIAM, CA
[72] GIBBONS, IAN ROBERT, CA
[72] BRUSSET, ERIC PAUL, CA
[71] NOVA CHEMICALS CORP., CA
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[51] **Int.Cl. B23K 9/12 (2006.01)**
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[54] **VERTICAL UPWARD WELDING IN WHICH WIRE FEED IS INTERRUPTED**
[54] **SOUDAGE VERTICAL VERS LE HAUT DANS LEQUEL L'ALIMENTATION DU FIL EST INTERROMPUE**
[72] HABEROTH, EDWARD A., CA
[71] BAZIUK HOLDINGS LTD., CA
[71] HABEROTH, EDWARD A., CA
[22] 2015-12-09
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[25] EN
[54] **APTAMERS, NUCLEIC ACID MOLECULES, POLYNUCLEOTIDES, SYNTHETIC ANTIBODIES COMPOSITIONS FOR DETECTING PRRS VIRUSES AND TREATING PRRS VIRUS INFECTION**
[54] **APTAMERES, MOLECULES D'ACIDE NUCLEIQUE, POLYNUCLEOTIDES, COMPOSITIONS D'ANTICORPS SYNTHETIQUES DESTINES A LA DETECTION DES VIRUS SRRP ET AU TRAITEMENT DE L'INFECTION AU VIRUS SRRP**
[72] MARCHAND, NORMAN J., CA
[72] CALTAGIRONE, G. THOMAS, US
[72] LIAO, ALBERT, US
[71] AEROVIRUS TECHNOLOGIES INC., CA
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[51] **Int.Cl. B67C 3/14 (2006.01)**
[25] EN
[54] **HOT FILL PROCESS WITH CLOSURES MADE FROM HIGH DENSITY POLYETHYLENE COMPOSITIONS**
[54] **PROCEDE DE REMPLISSAGE A CHAUD COMPORTANT DES FERMETURES FAITES DE COMPOSITIONS DE POLYETHYLENE UNIMODAL HAUTE DENSITE**
[72] WANG, XIAOCHUAN, CA
[71] NOVA CHEMICALS CORP., CA
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[25] EN
[54] **HOT FILL PROCESS WITH CLOSURES MADE FROM BIMODAL POLYETHYLENE COMPOSITIONS**
[54] **PROCEDE DE REMPLISSAGE A CHAUD COMPORTANT DES FERMETURES FAITES DE COMPOSITIONS DE POLYETHYLENE BIMODAL**
[72] WANG, XIAOCHUAN, CA
[71] NOVA CHEMICALS CORP., CA
[22] 2015-12-10
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[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/06 (2012.01) G06Q 50/18 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROMOTING, OFFERING FOR SALE/LICENSE AND SELLING/LICENSING NATIONAL AND REGIONAL PATENT APPLICATION RIGHTS ASSOCIATED WITH PUBLISHED/UNPUBLISHED UNEXPIRED PCT PATENT APPLICATIONS AND/OR UNEXPIRED NATIONAL PATENT APPLICATION RIGHTS AND PRIORITY RIGHTS AND PRIORITY RIGHTS UNDER THE PARIS CONVENTION**
[54] **METHODE ET SYSTEME DE PROMOTION, OFFRE DE VENTE/LICENCE ET VENTE/LICENCE DE DROITS DE DEMANDE DE BREVET NATIONAL ET REGIONAL ASSOCIE A DES DEMANDES DE BREVET PCT NON ECHU PUBLIE/NON PUBLIES ET/OU DES DROITS DE DEMANDE DE BREVET NATIONAL NON ECHU ET DROITS DE PRIORITE ET DROITS DE PRIORITE EN VERTU DE LA CONVENTION DE PARIS**
[72] KERR, PHILIP BRIAN, CA
[72] FUCHS, JUERGEN, CA
[72] CROUCH, ROBIN TIMOTHY, CA
[71] PCTXS INC., CA
[22] 2015-12-10
[41] 2017-06-10

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[51] **Int.Cl. E02D 5/56 (2006.01) E02D 5/54 (2006.01)**
[25] EN
[54] **HELICAL PILE COUPLER, ASSEMBLY AND METHOD**
[54] **RACCORD DE PIEU HELICOIDAL, ENSEMBLE ET METHODE**
[72] LI, BAOCHENG, CA
[71] 351471 ALBERTA LTD., CA
[22] 2015-12-08
[41] 2017-06-08

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[13] A1
[51] **Int.Cl. E04F 21/16 (2006.01)**
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[54] **THE SMOOTHING/LEVELING TOOL**
[54] **L'OUTIL DE LISSAGE/MISE A NIVEAU**
[71] ZBIGNIEW, SZOT Z.S., CA
[22] 2015-12-04
[41] 2017-06-04

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/48 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING A SUPPLEMENT COMPOSITION FOR PREVENTING DEVELOPMENT OF DRY INTERMEDIATE AGE-RELATED MACULAR DEGENERATION**
[54] **METHODE DE DETERMINATION D'UNE COMPOSITION DE SUPPLEMENT DESTINEE A PREVENIR LE DEVELOPPEMENT DE DEGENERESCENCE MACULAIRE INTERMEDIAIRE SECHE LIEE A L'AGE**
[72] KUSTRA, RAFAL, CA
[72] ZANKE, BRENT, CA
[71] ARCTICDX, INC., CA
[22] 2015-12-10
[41] 2017-06-10

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[13] A1
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[25] EN
[54] **A LEAD FREE FRANGIBLE AIR GUN BB AND METHOD OF MAKING SAME**
[54] **ARME BB A AIR FRANGIBLE EXEMPTE DE PLOMB ET METHODE DE FABRICATION ASSOCIEE**
[72] LEBLANC, RUSSELL, CA
[71] LEBLANC, RUSSELL, CA
[22] 2015-12-10
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[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 33/134 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **COLLET BAFFLE SYSTEM AND METHOD FOR FRACKING A HYDROCARBON FORMATION**
[54] **SYSTEME DE CHICANE A COLLET ET METHODE DE FRACTURATION D'UNE FORMATION D'HYDROCARBURE**
[72] NORDHEIMER, DAVID, CA
[72] ROJAS, DANIEL, US
[71] SC ASSET CORPORATION, CA
[22] 2016-01-08
[41] 2017-06-06

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[13] A1
[51] **Int.Cl. B65D 5/18 (2006.01) B65D 5/42 (2006.01)**
[25] EN
[54] **RECYCLABLE LEAK RESISTANT CORRUGATED BOX**
[54] **BOITE ONDULEE ANTIFUITE RECYCLABLE**
[72] BUGAS, PETER A., US
[71] INTERSTATE CORRPACK LLC, US
[22] 2016-01-14
[41] 2017-06-09
[30] US (62/265,162) 2015-12-09

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[51] **Int.Cl. F04C 18/344 (2006.01) F04C 25/02 (2006.01) F04C 29/12 (2006.01)**
[25] EN
[54] **HIGH VOLUME VACUUM PUMP FOR CONTINUOUS OPERATION**
[54] **POMPE A VIDE A GRAND VOLUME DESTINEE A UNE OPERATION EN CONTINU**
[72] ROBILLARD, BRUCE, CA
[71] CLAY VALLEY HOLDINGS INC., CA
[22] 2016-02-29
[41] 2017-06-04
[30] US (14/959,022) 2015-12-04

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[51] **Int.Cl. G01M 15/00 (2006.01) G01M 15/14 (2006.01) G01N 15/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DIAGNOSING A CONDITION OF AN ENGINE USING LUBRICATING FLUID ANALYSIS**
[54] **METHODE ET SYSTEME DE DIAGNOSTIC D'UN ETAT D'UN MOTEUR AU MOYEN DE L'ANALYSE DES LIQUIDES LUBRIFIANTS**
[72] JEAN, MAURICE, CA
[72] MEILLEUR, DANIEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-04-20
[41] 2017-06-08
[30] US (14/962,389) 2015-12-08

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[51] **Int.Cl. F02M 13/08 (2006.01) F02D 19/06 (2006.01) F02M 13/06 (2006.01)**
[25] EN
[54] **OIL-GAS DUAL-PURPOSE INTEGRATED SWITCH**
[54] **COMMUTATEUR INTEGRE DOUBLE FONCTION PETROLE-GAZ**
[72] ZHANG, BO, CN
[72] YANG, QUAN, CN
[72] ZOU, WEN-BIN, CN
[72] DU, JING-HUA, CN
[71] CHONGQING RATO TECHNOLOGY CO., LTD., CN
[22] 2016-04-28
[41] 2017-06-08
[30] CN (201510896763.3) 2015-12-08

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[51] **Int.Cl. B60F 5/00 (2006.01) B62D 21/00 (2006.01) B62D 21/18 (2006.01) B62K 7/02 (2006.01)**
[25] EN
[54] **UTILITY VEHICLE**
[54] **VEHICULE UTILITAIRE**
[72] PETERSON, SHAWN D., US
[72] HOUKOM, AUSTIN L., US
[71] POLARIS INDUSTRIES INC., US
[22] 2016-05-04
[41] 2017-06-10
[30] US (14/965226) 2015-12-10

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[51] **Int.Cl. F21K 9/23 (2016.01) F21K 9/235 (2016.01) F21K 9/237 (2016.01) F21K 9/238 (2016.01) F21V 21/008 (2006.01)**
[25] EN
[54] **LIGHTING ARRANGEMENT**
[54] **DISPOSITIF D'ECLAIRAGE**
[72] YANG, SHAOKUN, CA
[71] KUZCO LIGHTING, CA
[22] 2016-06-10
[41] 2017-06-07
[30] US (14/960,529) 2015-12-07

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[51] **Int.Cl. B63B 35/71 (2006.01)**
[25] EN
[54] **FISHING KAYAK**
[54] **KAYAK DE PECHE**
[72] BOYER, REJEAN, CA
[72] GAGNON, STEPHANIE, CA
[71] PELICAN INTERNATIONAL INC., CA
[22] 2016-06-29
[41] 2017-06-05

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[13] A1
[51] **Int.Cl. B32B 5/06 (2006.01) A47G 27/02 (2006.01) B32B 3/06 (2006.01) D05C 15/00 (2006.01)**
[25] EN
[54] **FLOOR MATS WITH MICROFIBER BACKING MATERIAL**
[54] **TAPIS DE PLANCHER DOTE D'UN MATERIAU D'ENDOS A MICROFIBRE**
[72] HURT, KEVIN, US
[71] VIAM MANUFACTURING, INC., US
[22] 2016-07-20
[41] 2017-06-04
[30] US (14/960,037) 2015-12-04

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[13] A1
[51] **Int.Cl. G01M 1/38 (2006.01)**
[25] EN
[54] **BALANCING METHOD FOR BALANCING AT HIGH SPEED A ROTOR OF A ROTARY MACHINE**
[54] **METHODE D'EQUILIBRAGE DESTINEE A L'EQUILIBRAGE A HAUTE VITESSE D'UN ROTOR D'UNE MACHINE ROTATIVE**
[72] SCHROEDER, ULRICH, FR
[71] SKF MAGNETIC MECHATRONICS, FR
[22] 2016-09-02
[41] 2017-06-10
[30] EP (15306970.3) 2015-12-10

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[13] A1
[51] **Int.Cl. A23L 25/00 (2016.01) A23L 29/00 (2016.01) A23L 29/10 (2016.01) A23L 33/105 (2016.01) A23D 7/005 (2006.01) A23L 3/3472 (2006.01) A23L 3/3481 (2006.01)**
[25] EN
[54] **ALMOND-BASED FOOD PRODUCTS WITH IMPROVED TASTE CHARACTERISTICS**
[54] **PRODUITS ALIMENTAIRES A BASE D'AMANDE AYANT DES CARACTERISTIQUES DE GOUT AMELIOREES**
[72] BRINGE, NEAL ALLAN, US
[71] WHITEWAVE SERVICES, INC., US
[22] 2016-09-09
[41] 2017-06-04
[30] US (14/960,033) 2015-12-04

[21] **2,942,226**
[13] A1
[51] **Int.Cl. B01D 53/02 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING TWO CONTAMINANTS IN A GAS STREAM**
[54] **METHODE DE CONTROLE DE DEUX CONTAMINANTS DANS UN FLUX DE GAZ**
[72] EDWARDS, PAUL, CA
[71] VITALAIRE CANADA INC., CA
[22] 2016-09-16
[41] 2017-06-06
[30] US (15/171,685) 2016-06-02

[21] **2,943,251**
[13] A1
[51] **Int.Cl. B23K 9/095 (2006.01) B23K 9/12 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATED ROOT PASS WELDING**
[54] **SYSTEMES ET METHODES DE SOUDURE D'AMORCAGE AUTOMATISEE**
[72] ALBRECHT, BRUCE PATRICK, US
[72] BARHORST, STEVEN EDWARD, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2016-09-27
[41] 2017-06-07
[30] US (14/961,263) 2015-12-07

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[51] **Int.Cl. B23K 9/173 (2006.01) B23K 35/04 (2006.01) B23K 35/24 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR WELDING ZINC-COATED WORKPIECES**
[54] **SYSTEMES ET METHODES DE SOUDURE DE PIECES DE TRAVAIL REVETUES DE ZINC**
[72] BARHORST, STEVEN EDWARD, US
[72] BUNDY, JOSEPH C., US
[72] AMATA, MARIO ANTHONY, US
[72] HEFLIN-KING, TRE' DORELL, US
[71] HOBART BROTHERS COMPANY, US
[22] 2016-09-27
[41] 2017-06-04
[30] US (14/959,820) 2015-12-04

[21] **2,943,969**
[13] A1
[51] **Int.Cl. A61F 13/511 (2006.01)**
[25] EN
[54] **SANITARY NAPKIN**
[54] **SERVIETTE HYGIENIQUE**
[72] CHIEN, YUAN-CHENG, TW
[71] CHIEN, YUAN-CHENG, TW
[22] 2016-09-30
[41] 2017-06-07
[30] TW (104140895) 2015-12-07

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[13] A1
[51] **Int.Cl. B32B 27/04 (2006.01) B32B 7/12 (2006.01) B32B 21/06 (2006.01) B32B 27/18 (2006.01)**
[25] EN
[54] **INCOMBUSTIBLE, NON-TELEGRAPHING SUBSTRATES FOR AVIATION PANEL ASSEMBLIES AND METHODS FOR INSTALLING THE INCOMBUSTIBLE, NON-TELEGRAPHING SUBSTRATE INTO AN AVIATION PANEL ASSEMBLY**
[54] **SUBSTRATS NON COMBUSTIBLES, NON TRANSPARENTS DESTINES A DES ASSEMBLAGES DE PANNEAU D'AVIATION ET METHODES D'INSTALLATION DU SUBSTRAT NON COMBUSTIBLE ET NON TRANSPARENT DANS UN ASSEMBLAGE DE PANNEAU D'AVIATION**
[72] CHAPMAN, CHRISTOPHER L., US
[72] AGARWAL, ASHISH KUMAR, IN
[72] REDDY, CHANA KESAVA, IN
[71] GOODRICH CORPORATION, US
[22] 2016-10-03
[41] 2017-06-09
[30] US (14/964,173) 2015-12-09

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[13] A1
[51] **Int.Cl. G01L 19/02 (2006.01) B64D 43/00 (2006.01) G01C 9/00 (2006.01) G01P 5/165 (2006.01)**
[25] EN
[54] **AIR DATA PROBE WITH ELLIPTICAL CROSS SECTION**
[54] **SONDE DE DONNEES D'AIR A SECTION TRANSVERSALE ELLIPTIQUE**
[72] BRUSIUS, NATHAN, US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2016-10-03
[41] 2017-06-10
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[51] **Int.Cl. B64D 43/00 (2006.01)**
[25] EN
[54] **SYNTHETIC AIR DATA OUTPUT GENERATION**
[54] **PRODUCTION DE SORTIE DE DONNEES D'AIR SYNTHETIQUE**
[72] ANDERSON, KAARE JOSEF, US
[72] MATHEIS, BRIAN DANIEL, US
[72] HONGERHOLT, DERRICK D., US
[72] KUNIK, WILLIAM, US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2016-10-03
[41] 2017-06-08
[30] US (14/962,137) 2015-12-08

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[51] **Int.Cl. B21D 22/28 (2006.01) B21D 51/54 (2006.01) B60R 21/217 (2011.01)**
[25] EN
[54] **METHOD FOR PRODUCTION OF A COMBUSTION CHAMBER TUBE FOR RESTRAINT SYSTEMS IN VEHICLES AND DEVICE FOR IMPLEMENTATION OF THE METHOD**
[54] **METHODE DE PRODUCTION D'UN TUBE DE CHAMBRE DE COMBUSTION DESTINE AUX SYSTEMES DE RETENUE DANS LES VEHICULES ET DISPOSITIF DE MISE EN OEUVRE DE LA METHODE**
[72] BURGER, MANUEL, DE
[71] FAMILIE BURGER GBR VERTRETUNGSBERECHTIGTE GESELLSCHAFTER: MERCEDES BURGER, GEORG BURGER, BERNHARD BURGER, MANUEL BURGER, CHRISTINA BURGER, DIANA BURGER, DE
[22] 2016-10-04
[41] 2017-06-08
[30] DE (10 2015 121 326.5) 2015-12-08

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[13] A1
[51] **Int.Cl. H02K 11/215 (2016.01)**
[25] EN
[54] **DEVICE FOR DETECTING THE AXIAL POSITION OF A ROTOR SHAFT AND ITS APPLICATION TO A ROTARY MACHINE**
[54] **DISPOSITIF DE DETECTION DE LA POSITION AXIALE D'UN ARBRE DE ROTOR ET SON APPLICATION A UNE MACHINE ROTATIVE**
[72] CARRASCO, EDUARDO, FR
[72] SCHROEDER, ULRICH, FR
[71] SKF MAGNETIC MECHATRONICS, FR
[22] 2016-10-21
[41] 2017-06-10
[30] EP (15306968.7) 2015-12-10

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[13] A1
[51] **Int.Cl. A22C 11/02 (2006.01) A23P 20/20 (2016.01)**
[25] EN
[54] **METHOD AND DEVICE FOR FILLING OF SAUSAGE SLEEVES**
[54] **METHODE ET DISPOSITIF DE REMPLISSAGE D'ENVELOPPE DE SAUCISSE**
[72] BETZ, ANDREAS, DE
[72] BACHTLE, MANFRED, DE
[72] SCHLIESSER, GERHARD, DE
[72] RESTLE, CHRISTIAN, DE
[72] OSSWALD, FLORIAN, DE
[71] ALBERT HANDTMANN MASCHINENFABRIK GMBH & CO. KG, DE
[22] 2016-10-28
[41] 2017-06-07
[30] EP (15 198 179.2) 2015-12-07

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[13] A1
[51] **Int.Cl. H01R 24/28 (2011.01) H02G 3/14 (2006.01) H02G 11/00 (2006.01)**
[25] EN
[54] **FUNCTIONAL INDOOR ELECTRICAL WALL OUTLET COVER**
[54] **COUVRE-PRISE ELECTRIQUE MURAL INTERIEUR FONCTIONNEL**
[72] INSALACO, MICHAEL GEORGE, US
[71] SOCKET SOLUTIONS, LLC, US
[22] 2016-11-01
[41] 2017-06-07
[30] US (15/099,559) 2016-04-14
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[51] **Int.Cl. B64D 45/04 (2006.01)**
[25] EN
[54] **USING RADAR DERIVED LOCATION DATA IN A GPS LANDING SYSTEM**
[54] **UTILISATION DE DONNEES D'EMPLACEMENT DERIVEES PAR RADAR DANS UN SYSTEME D'ATTERRISSAGE PAR GPS**
[72] ARNOLD, LARRY DEAN, US
[71] THE BOEING COMPANY, US
[22] 2016-11-01
[41] 2017-06-04
[30] US (14/959125) 2015-12-04

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[13] A1
[51] **Int.Cl. B62M 6/40 (2010.01)**
[25] EN
[54] **INTEGRATED MID DRIVE ELECTRIC BICYCLE PROPULSION SYSTEM**
[54] **SYSTEME DE PROPULSION POUR BICYCLETTE ELECTRIQUE A ENTRAINEMENT MI-PARCOURS INTEGRE**
[72] HAYSLETT, STEVEN L., US
[72] LANNEN, RICHARD J., US
[72] COLE, LAWRENCE G., US
[72] SWALES, SHAWN H., US
[72] JAGER, JIRI, CZ
[72] RIHA, MAREK, CZ
[72] KORECKEK, PAVEL, CZ
[72] WILLIAMS, CAMERON PHILIP, US
[71] GM GLOBAL TECHNOLOGY OPERATIONS LLC, US
[22] 2016-11-02
[41] 2017-06-04
[30] US (14/959,607) 2015-12-04

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[13] A1
[51] **Int.Cl. B01F 17/52 (2006.01) C09B 67/20 (2006.01) C09C 3/10 (2006.01)**
[25] EN
[54] **AQUEOUS PIGMENT DISPERSION**
[54] **DISPERSION DE PIGMENT AQUEUX**
[72] DEROCHER, JONATHAN P., US
[72] HENDERSON, KEVIN J., US
[72] SAN MIGUEL RIVERA, LIDARIS, US
[72] VAN DYK, ANTONY K., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[22] 2016-11-02
[41] 2017-06-09
[30] US (62/264,920) 2015-12-09

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[13] A1
[51] **Int.Cl. G01C 23/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR IDENTIFYING TERRAIN SUITABLE FOR AIRCRAFT LANDING**
[54] **METHODES ET APPAREILS D'IDENTIFICATION DE TERRAINS CONVENANT A L'ATTERRISSAGE D'UN AERONEF**
[72] SRIVASTAV, AMIT, US
[72] PIKE, TRAVIS, US
[72] DIVAKARAN, SAJEEV ACHUTHAN, US
[72] GARBHAM, SREEDHAR, US
[72] IDUPUNUR, KRISHNA, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-11-03
[41] 2017-06-08
[30] US (14/962,438) 2015-12-08

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[13] A1
[51] **Int.Cl. A61J 1/20 (2006.01) A61J 1/14 (2006.01) A61J 1/22 (2006.01) B25J 19/02 (2006.01) A61B 34/30 (2016.01)**
[25] EN
[54] **SYRINGE NEEDLE POSITION AND DEVIATION CORRECTION METHOD IN A MACHINE FOR THE AUTOMATIC PREPARATION OF INTRAVENOUS MEDICATION**
[54] **METHODE DE CORRECTION DE DEVIATION ET DE POSITION DE SERINGUE DANS UNE MACHINE EN VUE DE LA PREPARATION AUTOMATIQUE DE MEDICAMENT INTRAVEINEUX**
[72] RUBIO AGUILERA, JAVIER, ES
[72] CASANOVA MONTPEYO, ORIOL, ES
[71] GRIFOLS ENGINEERING, S.A., ES
[22] 2016-11-03
[41] 2017-06-04
[30] ES (201531768) 2015-12-04

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[13] A1
[51] **Int.Cl. E04F 13/22 (2006.01)**
[25] EN
[54] **WALL ANCHOR WITH HOLLOW BODY**
[54] **ANCRAGE MURAL A CORPS CREUX**
[72] HOHMANN, RONALD P., JR., US
[71] MITEK HOLDINGS, INC., US
[22] 2016-11-04
[41] 2017-06-04
[30] US (14/959,953) 2015-12-04

[21] **2,948,004**
[13] A1
[51] **Int.Cl. A63B 60/14 (2015.01)**
[25] EN
[54] **LIGHTWEIGHT MULTICOLOR COMPRESSION MOLDED GRIP**
[54] **POIGNEE MOULEE PAR COMPRESSION MULTICOLORE LEGERE**
[72] DAVIS, STEPHEN JAMES, US
[72] WALLS, ALEX LEE, US
[72] SU, WEN-CHEN, US
[72] MICHAUD, AARON JOSEPH, US
[72] WANG, EDWARD, TW
[71] EATON CORPORATION, US
[22] 2016-11-09
[41] 2017-06-09
[30] US (14/964,384) 2015-12-09

[21] **2,948,302**
[13] A1
[51] **Int.Cl. A63C 11/20 (2006.01) A63C 5/06 (2006.01)**
[25] EN
[54] **A SNOWMOBILE SKI PROTECTOR**
[54] **UN PROTECTEUR DE SKI DE MOTONEIGE**
[72] TIEDE, LAWRENCE, US
[72] PHILIPS, MICHAEL, US
[72] WARK, JUSTIN, US
[71] TIEDE, LAWRENCE, US
[71] PHILIPS, MICHAEL, US
[71] WARK, JUSTIN, US
[22] 2016-11-14
[41] 2017-06-08
[30] US (15/099,816) 2016-04-15
[30] US (14/962,256) 2015-12-08

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[13] A1
[51] **Int.Cl. C09J 133/06 (2006.01) C09J 11/06 (2006.01)**
[25] EN
[54] **COMPOSITION FOR PREPARING PRESSURE-SENSITIVE ADHESIVES**
[54] **COMPOSITION DE PREPARATION D'ADHESIFS SENSIBLES A LA PRESSION**
[72] BAMBERG, SARAH, DE
[72] BEFUSS, JULIA, DE
[72] PUETZ, BENJAMIN, DE
[72] PRENZEL, ALEXANDER, DE
[71] TESA SE, DE
[22] 2016-11-14
[41] 2017-06-09
[30] DE (10 2015 224 734.1) 2015-12-09

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[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) H04W 52/02 (2009.01) H04W 76/06 (2009.01)**
[25] EN
[54] **ELECTRONIC DEVICE INCLUDING BATTERY AND METHOD OF CONTROLLING SAME FOR CHARGING THE BATTERY**
[54] **DISPOSITIF ELECTRONIQUE COMPRENANT UNE BATTERIE ET METHODE DE CONTROLE ASSOCIEE EN VUE DE CHARGER LA BATTERIE**
[72] ALTMAN, BENJAMIN, CA
[71] BLACKBERRY LIMITED, CA
[22] 2016-11-10
[41] 2017-06-08
[30] US (14/963,125) 2015-12-08

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[51] **Int.Cl. E03C 1/06 (2006.01) A47K 3/28 (2006.01)**
[25] EN
[54] **ON-WALL SHOWER SYSTEM**
[54] **SYSTEME DE DOUCHE AU MUR**
[72] JOHNSON, BRIAN WAYNE, US
[71] DELTA FAUCET COMPANY, US
[22] 2016-11-14
[41] 2017-06-07
[30] US (62/263,996) 2015-12-07

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[13] A1
[51] **Int.Cl. H04W 28/02 (2009.01) H04W 28/26 (2009.01)**
[25] EN
[54] **DYNAMIC TRAFFIC SHAPING FOR COMMUNICATION NETWORKS IN MOVING VEHICLES, SUCH AS TRAINS**
[54] **FORMAGE DE TRAFIC DYNAMIQUE DESTINE AUX RESEAUX DE COMMUNICATION DANS LES VEHICULES EN MOUVEMENT, COMME LES TRAINS**
[72] KARLSSON, MATS, SE
[72] EKLUND, PETER, SE
[71] ICOMERA AB, SE
[22] 2016-11-16
[41] 2017-06-04
[30] SE (1551596-8) 2015-12-04

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[13] A1
[51] **Int.Cl. H04W 40/04 (2009.01) H04W 80/06 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DYNAMIC SELECTION OF COMMUNICATION PATHS FOR A MOVING VEHICLE**
[54] **METHODE ET SYSTEME DE SELECTION DYNAMIQUE DE CHEMINS DE COMMUNICATION DESTINES A UN VEHICULE EN MOUVEMENT**
[72] BERGEK, MARTIN, SE
[72] KARLSSON, MATS, SE
[72] EKLUND, PETER, SE
[71] ICOMERA AB, SE
[22] 2016-11-16
[41] 2017-06-04
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[13] A1
[51] **Int.Cl. E04F 13/22 (2006.01) E04B 1/38 (2006.01) E04B 2/30 (2006.01)**
[25] EN
[54] **THERMAL WALL ANCHOR**
[54] **ANCRAGE MURAL THERMIQUE**
[72] HOHMANN, RONALD P., JR., US
[71] MITEK HOLDINGS, INC., US
[22] 2016-11-17
[41] 2017-06-04
[30] US (14/959,931) 2015-12-04

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[51] **Int.Cl. A47B 57/10 (2006.01) A47B 47/00 (2006.01) A47B 73/00 (2006.01) F16M 13/00 (2006.01)**
[25] FR
[54] **MURAL INSTALLATION AND MOUNTING PROCESS**
[54] **INSTALLATION MURALE ET PROCEDE DE MONTAGE**
[72] EPICUREO, GIULIO, FR
[71] CIE EUROPE, FR
[22] 2016-11-17
[41] 2017-06-04
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[51] **Int.Cl. H02H 7/04 (2006.01) H01F 27/34 (2006.01) H02J 3/00 (2006.01)**
[25] EN
[54] **PROTECTIVE DEVICE FOR PROTECTING A TRANSFORMER AGAINST GEOMAGNETICALLY INDUCED CURRENTS**
[54] **DISPOSITIF PROTECTEUR DESTINE A LA PROTECTION D'UN TRANSFORMATEUR CONTRE LES COURANTS INDUITS DE MANIERE GEOMAGNETIQUE**
[72] HAMBERGER, PETER, AT
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[22] 2016-11-21
[41] 2017-06-09
[30] EP (15198574.4) 2015-12-09

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[13] A1
[51] **Int.Cl. C22C 19/05 (2006.01) C22C 1/04 (2006.01) C22C 30/00 (2006.01) C22F 1/10 (2006.01)**
[25] EN
[54] **NICKEL BASE SUPER ALLOYS AND METHODS OF MAKING THE SAME**
[54] **SUPER ALLIAGES A BASE DE NICKEL ET METHODES DE FABRICATION ASSOCIEES**
[72] DIAL, LAURA CERULLY, US
[72] GIGLIOTTI, MICHAEL FRANCIS XAVIER, JR., US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-22
[41] 2017-06-09
[30] US (14/963,366) 2015-12-09

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[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH FILLET FILM HOLES**
[54] **MOTEUR DE TURBINE A GAZ DOTE DE TROUS PELLICULAIRES EN FILET**
[72] BUHLER, JARED PETER, US
[72] BUNKER, RONALD SCOTT, US
[72] CORREIA, VICTOR HUGO SILVA, US
[72] CORSETTI, BRIAN KENNETH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-22
[41] 2017-06-07
[30] US (14/960,924) 2015-12-07

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[13] A1
[51] **Int.Cl. F01D 9/00 (2006.01) F01D 11/08 (2006.01) F01D 11/14 (2006.01)**
[25] EN
[54] **COMPLIANT SHROUD FOR GAS TURBINE ENGINE CLEARANCE CONTROL**
[54] **ENVELOPPE CONFORME DE CONTROLE DE DEGAGEMENT DE TURBINE A GAZ**
[72] MUKHERJEE, YU XIE, US
[72] BARUA, ANANDA, US
[72] SUN, CHANGJIE, US
[72] LU, WENFENG, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-22
[41] 2017-06-08
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[13] A1
[51] **Int.Cl. F02C 7/14 (2006.01) F01D 25/12 (2006.01) F02C 7/06 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE FLUID COOLING SYSTEMS AND METHODS OF ASSEMBLING THE SAME**
[54] **SYSTEMES DE REFROIDISSEMENT DE MOTEUR DE TURBINE A GAZ ET METHODE D'ASSEMBLAGE ASSOCIEE**
[72] SENNOUN, MOHAMMED EL HACIN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-22
[41] 2017-06-07
[30] US (14/960,800) 2015-12-07

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[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **FILLET OPTIMIZATION FOR TURBINE AIRFOIL**
[54] **OPTIMISATION DE FILET DE PROFIL DYNAMIQUE DE TURBINE**
[72] BUHLER, JARED PETER, US
[72] BUNKER, RONALD SCOTT, US
[72] CORREIA, VICTOR HUGO SILVA, US
[72] CORSETTI, BRIAN KENNETH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-22
[41] 2017-06-07
[30] US (14/960,991) 2015-12-07

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[13] A1
[51] **Int.Cl. F02C 6/02 (2006.01) B64D 31/00 (2006.01) B64D 35/08 (2006.01) F01D 13/00 (2006.01) F02C 7/36 (2006.01) F02C 9/56 (2006.01)**
[25] EN
[54] **ADAPTIVE ENGINE MODEL TORQUE SPLITTING OPTIMIZATION**
[54] **OPTIMISATION ADAPTATIVE DE DIVISION DE COUPLE MODELE DE MOTEUR**
[72] PAUL, JACQUES, US
[72] YARDIBI, TARIK, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-22
[41] 2017-06-04
[30] US (14/959,316) 2015-12-04

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[13] A1
[51] **Int.Cl. B64D 47/00 (2006.01) B64D 11/00 (2006.01) G06F 3/14 (2006.01)**
[25] FR
[54] **DISPLAY SYSTEM FOR INFORMATION RELATIVE TO THE FLIGHT OF AN AIRCRAFT AND ASSOCIATED PROCESS**
[54] **SYSTEME DE VISUALISATION D'INFORMATIONS RELATIVES A UN VOL D'UN AERONEF ET PROCEDE ASSOCIE**
[72] SAEZ, JEAN-FRANCOIS, FR
[72] DRINAL, STEPHANE, FR
[71] DASSAULT AVIATION, FR
[22] 2016-11-23
[41] 2017-06-08
[30] FR (1502551) 2015-12-08

[21] **2,949,580**
[13] A1
[51] **Int.Cl. C22B 3/08 (2006.01) C22B 3/44 (2006.01) C22B 23/00 (2006.01)**
[25] EN
[54] **PROCESS FOR SELECTIVE ACID LEACHING NICKEL AND COBALT FROM A MIXED HYDROXIDE INTERMEDIATE**
[54] **PROCEDE DE LESSIVAGE A L'ACIDE SELECTIF DE NICKEL ET DE COBALT A PARTIR D'UN INTERMEDIAIRE D'HYDROXYDE MELANGE**
[72] CLOUT, RICHARD, AU
[72] PERRY, SCOTT, AU
[71] BHP BILLITON NICKEL WEST PTY LTD, AU
[22] 2016-11-24
[41] 2017-06-09
[30] AU (2015905097) 2015-12-09

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[13] A1
[51] **Int.Cl. G06K 9/20 (2006.01) G06F 21/32 (2013.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR CAPTURING BIOMETRIC DATA**
[54] **METHODES ET SYSTEMES DE CAPTAGE DE DONNEES BIOMETRIQUES**
[72] DUGGAN, JOHN ANTHONY, AU
[72] WHITE, CONOR ROBERT, US
[71] DAON HOLDINGS LIMITED, KY
[22] 2016-11-23
[41] 2017-06-09
[30] US (14/963,439) 2015-12-09

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[13] A1
[51] **Int.Cl. H05K 7/20 (2006.01) B33Y 80/00 (2015.01) B64D 47/00 (2006.01) B64D 43/00 (2006.01)**
[25] EN
[54] **THERMAL MANAGEMENT SYSTEMS AND METHODS FOR HEAT GENERATING ELECTRONICS**
[54] **SYSTEMES DE GESTION THERMIQUE ET METHODE DESTINES A DES DISPOSITIFS ELECTRONIQUES PRODUISANT DE LA CHALEUR**
[72] DE BOCK, HENDRIK PIETER JACOBUS, US
[72] KIM, JOO HAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-22
[41] 2017-06-04
[30] US (14/959,804) 2015-12-04

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[51] **Int.Cl. F01D 9/02 (2006.01) B64D 33/08 (2006.01) F01D 25/12 (2006.01) F01D 25/18 (2006.01) F02C 7/06 (2006.01) F02C 7/14 (2006.01) F16N 39/02 (2006.01) F28F 27/02 (2006.01)**
[25] EN
[54] **OGV HEAT EXCHANGERS NETWORKED IN PARALLEL AND SERIAL FLOW**
[54] **ECHANGEURS DE CHALEUR D'AUBAGE DIRECTEUR DE SORTIE EN RESEAU DANS UN FLUX EN PARALLELE ET EN SERIE**
[72] SENNOUN, MOHAMMED EL HACIN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-22
[41] 2017-06-08
[30] US (14/962,070) 2015-12-08

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[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 11/00 (2006.01)**
[25] EN
[54] **VENTURI EFFECT ENDWALL TREATMENT**
[54] **TRAITEMENT DE PAROI D'EXTREMITE A EFFET VENTURI**
[72] STREIT, JOSEF ANTON, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-22
[41] 2017-06-08
[30] US (14/962,103) 2015-12-08

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[13] A1
[51] **Int.Cl. F02C 7/28 (2006.01)**
[25] EN
[54] **CURVIC SEAL FOR USE IN A GAS TURBINE ENGINE AND METHOD OF ASSEMBLING A GAS TURBINE ENGINE**
[54] **JOINT INCURVE DESTINE A UNE TURBINE A GAZ ET METHODE D'ASSEMBLAGE D'UNE TURBINE A GAZ**
[72] HUBLEY, CHRISTOPHER KARL, US
[72] QADER, KHALIL, US
[72] PARK, SANG YENG, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-22
[41] 2017-06-04
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[13] A1
[51] **Int.Cl. F02C 7/00 (2006.01) B64D 33/00 (2006.01) F01D 25/00 (2006.01) F02C 9/18 (2006.01) H01L 35/00 (2006.01) H02N 11/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PRE-COOLER EXHAUST ENERGY RECOVERY**
[54] **METHODE ET SYSTEME DE RECUPERATION D'ENERGIE D'ECHAPPEMENT DE PRE-REFROIDISSEUR**
[72] SENNOUN, MOHAMMED EL HACIN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-22
[41] 2017-06-07
[30] US (14/961,057) 2015-12-07

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[13] A1
[51] **Int.Cl. F21V 11/08 (2006.01) B60Q 3/00 (2017.01) F21S 8/10 (2006.01) F21S 10/00 (2006.01) F21V 5/04 (2006.01)**
[25] EN
[54] **ILLUMINATION DEVICE FOR PROJECTING LIGHT IN A PREDETERMINED ILLUMINATION PATTERN ON A SURFACE**
[54] **DISPOSITIF D'ILLUMINATION DESTINE A LA PROJECTION DE LUMIERE DANS UN MOTIF D'ILLUMINATION PREDETERMINE SUR UNE SURFACE**
[72] MCCLELLAND, WILLIAM, US
[72] FONG, KIN, US
[72] FILECCIA, STEVEN, US
[71] AGM AUTOMOTIVE, LLC, US
[22] 2016-11-28
[41] 2017-06-04
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[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/00 (2006.01) A61B 5/042 (2006.01) A61B 18/08 (2006.01)**
[25] EN
[54] **STABILIZED SPINE ELECTROPHYSIOLOGIC CATHETER**
[54] **CATHETER ELECTROPHYSIOLOGIQUE DE COLONNE STABILISE**
[72] BASU, SHUBHAYU, US
[72] SOLIS, MARIO A., US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-11-28
[41] 2017-06-10
[30] US (14/965,745) 2015-12-10

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[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/042 (2006.01)**
[25] EN
[54] **DUAL NODE MULTIRAY ELECTRODE CATHETER**
[54] **CATHETER A ELECTRODE MULTIRAYON DOUBLE NOEUD**
[72] HOITINK, RYAN, US
[72] ASHTON, JOHN HARDY, US
[72] CLARK, JEFFREY L., US
[72] SOLIS, MARIO A., US
[72] BASU, SHUBHAYU, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-11-29
[41] 2017-06-09
[30] US (14/964,301) 2015-12-09

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[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/042 (2006.01)**
[25] EN
[54] **DUAL NODE MULTIRAY ELECTRODE CATHETER**
[54] **CATHETER A ELECTRODE MULTIRAYON DOUBLE NOEUD**
[72] HOITINK, RYAN, US
[72] ASHTON, JOHN HARDY, US
[72] CLARK, JEFFREY L., US
[72] SOLIS, MARIO A., US
[72] BASU, SHUBHAYU, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-11-29
[41] 2017-06-09
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[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 18/04 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **DUAL NODE MULTIRAY ELECTRODE CATHETER**
[54] **CATHETER A ELECTRODE MULTIRAYON DOUBLE NOEUD**
[72] HOITINK, RYAN, US
[72] ASHTON, JOHN HARDY, US
[72] CLARK, JEFFREY L., US
[72] SOLIS, MARIO A, US
[72] BASU, SHUBHAYU, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-11-29
[41] 2017-06-09
[30] US (14/964,300) 2015-12-09

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[13] A1
[51] **Int.Cl. A61B 5/044 (2006.01) A61B 5/0402 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **DISPLAYING MULTI-ACTIVATION AREAS ON AN ELECTROANATOMICAL MAP**
[54] **AFFICHAGE DE ZONES MULTI ACTIVATION SUR UN PLAN ELECTROANATOMIQUE**
[72] RAVUNA, ELIYAHU, IL
[72] BOTZER, LIOR, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-11-28
[41] 2017-06-07
[30] US (14/960,904) 2015-12-07

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[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/042 (2006.01) A61M 25/04 (2006.01)**
[25] EN
[54] **ABLATING AND SENSING ELECTRODES**
[54] **ELECTRODES D'ABLATION ET DE DETECTION**
[72] GOVARI, ASSAF, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-11-28
[41] 2017-06-08
[30] US (14/962,831) 2015-12-08

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[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61M 25/14 (2006.01)**
[25] EN
[54] **BASKET CATHETER WITH AN IMPROVED SEAL**
[54] **CATHETER A PANIER DOTE D'UN JOINT AMELIORE**
[72] AUJLA, VISHAV MANAK SINGH, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-11-28
[41] 2017-06-07
[30] US (14/960,777) 2015-12-07

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[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 18/04 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **MULTILAYER SPLIT ABLATION ELECTRODE**
[54] **ELECTRODE D'ABLATION A DIVISEUR MULTIRAYON**
[72] AUJLA, VISHAV MANAK SINGH, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-11-28
[41] 2017-06-07
[30] US (14/960,779) 2015-12-07

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[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01) B44D 3/00 (2006.01)**
[25] EN
[54] **INTERACTIVE PAINT PRODUCT SELECTION AND ORDERING METHODS AND APPARATUS**
[54] **SELECTION DE PRODUIT DE PEINTURE INTERACTIF ET METHODES DE COMMANDE ET APPAREIL**
[72] CROGAN, JAMES, US
[72] VANDEVER, KEVIN, US
[72] REYNOLDS, DAMIEN, US
[72] BUZYN, JOHN, US
[72] WEBB, MARC, US
[72] CHUNG, UN HO, US
[72] JUNG, WOOSANG, US
[72] VAN MARLE, JASON, US
[72] THAKAR, PUNEET PIYUSH, US
[72] FOYE, DARWIN, US
[71] BEHR PROCESS CORPORATION, US
[22] 2016-11-30
[41] 2017-06-04
[30] US (62/263,464) 2015-12-04
[30] US (15/355,736) 2016-11-18

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[13] A1
[51] **Int.Cl. E21B 17/20 (2006.01) E21B 7/06 (2006.01)**
[25] EN
[54] **FLEX SHAFT**
[54] **TIGE FLEX**
[72] BARNES, MATT, US
[71] MULTI-SHOT, LLC, US
[22] 2016-11-30
[41] 2017-06-04
[30] US (62/263,273) 2015-12-04

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[13] A1
[51] **Int.Cl. H01H 71/40 (2006.01)**
[25] EN
[54] **LOW TOLERANCE MAGNETIC TRIP FOR A MINIATURE CIRCUIT BREAKER**
[54] **DECLENCHEUR MAGNETIQUE A FAIBLE TOLERANCE DESTINE A UN DISJONCTEUR MINIATURE**
[72] FLEEGE, DENNIS WILLIAM, US
[71] SCHNEIDER ELECTRIC USA, INC., US
[22] 2016-11-25
[41] 2017-06-08
[30] US (14/961,943) 2015-12-08

[21] **2,950,121**
[13] A1
[51] **Int.Cl. A61F 2/46 (2006.01) A61L 24/06 (2006.01) A61B 17/56 (2006.01)**
[25] EN
[54] **VACUUM MIXING DEVICE WITH OPERATING ELEMENT AND PUMP FOR MIXING POLYMETHYLMETHACRYLATE BONE CEMENT**
[54] **DISPOSITIF DE MELANGE A VIDE DOTE D'UN ELEMENT FONCTIONNEL ET D'UNE POMPE SERVANT A MELANGER DU CIMENT ORTHOPEDIQUE PMMA**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[71] HERAEUS MEDICAL GMBH, DE
[22] 2016-11-30
[41] 2017-06-07
[30] DE (10 2015 121 274.9) 2015-12-07

[21] **2,950,122**
[13] A1
[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/56 (2006.01) A61F 2/28 (2006.01) B28C 5/06 (2006.01) A61L 24/06 (2006.01)**
[25] EN
[54] **MIXING DEVICE WITH OPERATING ELEMENT AND PRESSURE PUMP FOR MIXING POLYMETHYLMETHACRYLATE BONE CEMENT**
[54] **DISPOSITIF DE MELANGE DOTE D'UN ELEMENT FONCTIONNEL ET D'UNE POMPE A PRESSION SERVANT A MELANGER DU CIMENT ORTHOPEDIQUE PMMA**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[71] HERAEUS MEDICAL GMBH, DE
[22] 2016-11-30
[41] 2017-06-07
[30] DE (10 2015 121 276.5) 2015-12-07

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[13] A1
[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/56 (2006.01) A61L 24/06 (2006.01) B28C 5/46 (2006.01)**
[25] EN
[54] **VACUUM MIXING DEVICE WITH OPERATING ELEMENT, PRESSURE PUMP, AND VACUUM PUMP FOR MIXING POLYMETHYLMETHACRYLATE BONE CEMENT**
[54] **DISPOSITIF DE MELANGE A VIDE DOTE D'UN ELEMENT FONCTIONNEL, D'UNE POMPE A PRESSION ET D'UNE POMPE A VIDE SERVANT A MELANGER DU CIMENT ORTHOPEDIQUE PMMA**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[71] HERAEUS MEDICAL GMBH, DE
[22] 2016-11-30
[41] 2017-06-07
[30] DE (10 2015 121 277.3) 2015-12-07

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[13] A1
[51] **Int.Cl. F21V 5/04 (2006.01) A61B 90/30 (2016.01) F21L 4/00 (2006.01)**
[25] EN
[54] **HEADLIGHT**
[54] **LAMPE FRONTALE**
[72] OREN, MATTHEW CHRISTOPHER, US
[71] KERR CORPORATION, US
[22] 2016-11-30
[41] 2017-06-04
[30] US (62/263,310) 2015-12-04

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[13] A1
[51] **Int.Cl. F01D 25/18 (2006.01) F01D 25/16 (2006.01) F02C 7/06 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE BEARING SUMP**
[54] **PUISARD DE ROULEMENT DE TURBINE A GAZ**
[72] SNOW, KYLE ROBERT, US
[72] MILLER, BRANDON WAYNE, US
[72] ANSTEAD, DUANE HOWARD, US
[72] SENNOUN, MOHAMMED EL HACIN, US
[72] FANG, NING, US
[72] SCHEETZ, JONOTHAN ALLEN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-01
[41] 2017-06-08
[30] US (14/962,217) 2015-12-08

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[13] A1
[51] **Int.Cl. A47G 19/06 (2006.01) A47G 19/08 (2006.01)**
[25] EN
[54] **COMBINED PLATE AND COLLAPSIBLE BEVERAGE HOLDER**
[54] **PLAQUE ET SUPPORT DE GOBELET ECRASABLE COMBINES**
[72] DOUGLAS, DAVID W., US
[72] DURKEE, ROBERT R., III, US
[71] COGENT TECHNOLOGY CORPORATION, US
[22] 2016-12-01
[41] 2017-06-04
[30] US (62/263,436) 2015-12-04
[30] US (15/359,083) 2016-11-22

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[13] A1
[51] **Int.Cl. H05B 37/00 (2006.01) H02H 7/00 (2006.01)**
[25] EN
[54] **PROTECTION CIRCUIT ASSEMBLY AND METHOD**
[54] **ENSEMBLE DE CIRCUIT DE PROTECTION ET METHODE**
[72] CSIBI, LAJOS, HU
[72] PAP, GABOR, HU
[72] DARANYI, TAMAS, HU
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-01
[41] 2017-06-04
[30] US (14/960,268) 2015-12-04

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[13] A1
[51] **Int.Cl. H02J 50/10 (2016.01) B60L 11/18 (2006.01) B60S 5/00 (2006.01)**
[25] EN
[54] **ELECTRIC POWER RECEIVING DEVICE AND ELECTRIC POWER TRANSMISSION DEVICE**
[54] **DISPOSITIF DE RECEPTION D'ALIMENTATION ELECTRIQUE ET DISPOSITIF DE TRANSMISSION D'ALIMENTATION ELECTRIQUE**
[72] YUASA, HIROAKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2016-12-01
[41] 2017-06-09
[30] JP (2015-240506) 2015-12-09

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[13] A1
[51] **Int.Cl. G01M 15/14 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PERFORMING A VISUAL INSPECTION OF A GAS TURBINE ENGINE**
[54] **SYSTEME ET METHODE D'EXECUTION D'UNE INSPECTION VISUELLE D'UNE TURBINE A GAZ**
[72] DIWINSKY, DAVID SCOTT, US
[72] LIM, SER NAM, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-01
[41] 2017-06-09
[30] US (14/963,665) 2015-12-09
[30] US (15/040,310) 2016-02-10

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[13] A1
[51] **Int.Cl. C04B 41/89 (2006.01) C04B 41/87 (2006.01) C04B 35/80 (2006.01)**
[25] EN
[54] **ARTICLE FOR HIGH TEMPERATURE SERVICE**
[54] **ARTICLE DESTINE AU SERVICE A HAUTE TEMPERATURE**
[72] LUTHRA, KRISHAN LAL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-01
[41] 2017-06-09
[30] US (14/963,878) 2015-12-09

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[13] A1
[51] **Int.Cl. A23L 27/10 (2016.01) A23L 27/00 (2016.01) A23L 27/12 (2016.01) C11B 9/02 (2006.01)**
[25] EN
[54] **IMPROVED PROCESS FOR EXTRACTION OF AROMA CHEMICALS FROM FAT-CONTAINING AND/OR AQUEOUS LIQUID PHASES**
[54] **PROCEDE AMELIORE D'EXTRACTION DE PRODUITS CHIMIQUES AROMATIQUES RENFERMANT DES GRAS OU DES PHASES LIQUIDES AQUEUSES**
[72] WIESMUELLER, JOHANN, DE
[72] MICHLBAUER, FRANZ, DE
[72] OBERBAUER, GUNTHER, DE
[72] HAUSNER, HELMUT, DE
[72] KAISER, HARALD, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2016-12-02
[41] 2017-06-04
[30] EP (15197955) 2015-12-04

[21] **2,950,500**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/27 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **ANALYTIC SYSTEMS, METHODS, AND COMPUTER-READABLE MEDIA FOR STRUCTURED, SEMI-STRUCTURED, AND UNSTRUCTURED DOCUMENTS**
[54] **SYSTEMES ANALYTIQUES, METHODES ET SUPPORT LISIBLE A L'ORDINATEUR DESTINES AUX DOCUMENTS STRUCTURES, SEMI-STRUCTURES ET NON STRUCTURES**
[72] KAVAS, ILKER, US
[71] EPHESOFT INC., US
[22] 2016-12-02
[41] 2017-06-07
[30] US (14/960,871) 2015-12-07
[30] US (15/194,967) 2016-06-28

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[13] A1
[51] **Int.Cl. F16M 11/18 (2006.01) F16M 11/04 (2006.01)**
[25] EN
[54] **A MONITOR STAND**
[54] **UN SUPPORT DE MONITEUR**
[72] FARRELL, ALICE, NZ
[71] MEERKAT DESK LIMITED, NZ
[22] 2016-12-05
[41] 2017-06-07
[30] NZ (714937) 2015-12-07

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[13] A1
[51] **Int.Cl. A47G 29/12 (2006.01) A47G 29/122 (2006.01)**
[25] EN
[54] **IMPROVED MAILBOX, MAILBOX PROTECTION APPARATUS, AND METHOD**
[54] **BOITE AUX LETTRES AMELIOREE, APPAREIL DE PROTECTION DE BOITE AUX LETTRES ET METHODE**
[72] PAJONAS, TODD R., US
[71] PAJONAS, TODD R., US
[22] 2016-12-05
[41] 2017-06-06
[30] US (62/263699) 2015-12-06
[30] US (15/367398) 2016-12-02

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[13] A1
[51] **Int.Cl. C23C 4/18 (2006.01) C23C 4/00 (2016.01) C23C 14/54 (2006.01) C23C 14/58 (2006.01) C23C 16/52 (2006.01) C23C 16/56 (2006.01) G01N 21/64 (2006.01) C09K 11/08 (2006.01)**
[25] EN
[54] **COATING INSPECTION METHOD**
[54] **METHODE D'INSPECTION DE REVETEMENT**
[72] SIVARAMAKRISHNAN, SHANKAR, US
[72] HASZ, WAYNE CHARLES, US
[72] BROSNAN, KRISTEN HALL, US
[72] MURPHY, JAMES EDWARD, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-01
[41] 2017-06-09
[30] US (14/963,256) 2015-12-09

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[13] A1
[51] **Int.Cl. F01D 25/24 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **METALLIC ATTACHMENT SYSTEM INTEGRATED INTO A COMPOSITE STRUCTURE**
[54] **SYSTEME D'ACCESSOIRE METALLIQUE INTEGRE DANS UNE STRUCTURE COMPOSITE**
[72] RENGGLI, BERNARD JAMES, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-01
[41] 2017-06-10
[30] US (14/964,752) 2015-12-10

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[13] A1
[51] **Int.Cl. F01D 5/28 (2006.01) F01D 5/14 (2006.01) F15D 1/10 (2006.01)**
[25] EN
[54] **DURABLE RIBLETS FOR ENGINE ENVIRONMENT**
[54] **RIBLETS DURABLES DESTINES A UN ENVIRONNEMENT MOTEUR**
[72] BERSCHBACK, CASEY LAUREN, US
[72] WOOD, TREVOR HOWARD, US
[72] LIN, WENDY WENLING, US
[72] LIOU, LARA, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-01
[41] 2017-06-10
[30] US (14/964,722) 2015-12-10

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[13] A1
[51] **Int.Cl. F02C 7/36 (2006.01) F01D 25/18 (2006.01) F02C 7/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR A PITCH CHANGE MECHANISM HYDRAULIC FLUID TRANSFER SLEEVE**
[54] **METHODE ET SYSTEME DESTINES A UN MANCHON DE TRANSFERT DE FLUIDE HYDRAULIQUE A MECANISME DE CHANGEMENT DE PAS**
[72] NIERGARTH, DANIEL ALAN, US
[72] MILLER, BRANDON WAYNE, US
[72] ZATORSKI, DAREK TOMASZ, US
[72] KROGER, CHRISTOPHER JAMES, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-01
[41] 2017-06-09
[30] US (14/963,924) 2015-12-09

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[13] A1
[51] **Int.Cl. G01V 1/34 (2006.01) G01V 1/30 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ANALYZING FRACTURES USING AVOAZ INVERSION**
[54] **METHODE ET APPAREIL D'ANALYSE DE FRACTURE EMPLOYANT L'INVERSION AVOAZ**
[72] DOWNTON, JONATHAN, FR
[71] CGG SERVICES SAS, FR
[22] 2016-12-02
[41] 2017-06-04
[30] US (62/262,975) 2015-12-04
[30] US (62/410,443) 2016-10-20

[21] **2,950,555**
[13] A1
[51] **Int.Cl. G01L 3/00 (2006.01) G01M 15/14 (2006.01)**
[25] EN
[54] **CALIBRATED TURBINE ENGINE SHAFT TORQUE SENSING**
[54] **DETECTION DE COUPLE D'ARBRE DE TURBINE ETALONNE**
[72] JACOBS, DOUGLAS SCOTT, US
[72] KNOBLOCH, AARON JAY, US
[72] GOELLER, ROBERT EDWARD, US
[72] MUHAMMAD, MUDASSAR, ALI, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-01
[41] 2017-06-09
[30] US (14/963,387) 2015-12-09

[21] **2,950,603**
[13] A1
[51] **Int.Cl. G08B 21/02 (2006.01) H04W 4/00 (2009.01) G08B 15/00 (2006.01) G08B 25/10 (2006.01)**
[25] EN
[54] **AUTONOMOUS SAFETY AND SECURITY DEVICE ON AN UNMANNED PLATFORM UNDER COMMAND AND CONTROL OF A CELLULAR PHONE**
[54] **DISPOSITIF DE SURETE ET SECURITE AUTONOME SUR UNE PLATEFORME INHABITEE COMMANDE ET CONTROLE PAR UN TELEPHONE CELLULAIRE**
[72] SCHNEIDER, MARK, US
[72] BRYAN, LEE, US
[72] SCOTT, PATRICIA L., US
[72] KOGAN, VLADIMIR F., US
[72] SCULLY, WENDY C., US
[72] SCULLY, JACK T., US
[71] MICRO APPS GROUP INVENTIONS, LLC, US
[22] 2016-12-05
[41] 2017-06-08
[30] US (14/962,492) 2015-12-08

[21] **2,950,608**
[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/06 (2006.01) A61B 18/04 (2006.01)**
[25] EN
[54] **ABLATION CATHETER WITH LIGHT-BASED CONTACT SENSORS**
[54] **CATHETER D'ABLATION A CAPTEURS DE CONTACTS LUMINEUX**
[72] HETTEL, ROWAN OLUND, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-12-05
[41] 2017-06-09
[30] US (14/964,209) 2015-12-09

[21] **2,950,624**
[13] A1
[51] **Int.Cl. B29C 64/386 (2017.01) B33Y 50/00 (2015.01) G06F 19/00 (2011.01)**
[25] EN
[54] **THREE DIMENSIONAL PRINTING FOR CONSUMERS**
[54] **IMPRESSION TRIDIMENSIONNELLE GRAND PUBLIC**
[72] HIGH, DONALD, US
[72] THOMPSON, JOHN PAUL, US
[72] TAYLOR, ROBERT C., US
[72] ATCHLEY, MICHAEL DEAN, US
[71] WAL-MART STORES, INC., US
[22] 2016-12-02
[41] 2017-06-04
[30] US (62/263,511) 2015-12-04

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) A47F 10/00 (2006.01) A63J 5/00 (2006.01) B44D 3/00 (2006.01) G06F 17/50 (2006.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **INTERIOR DECORATING SYSTEM USING THREE-DIMENSIONAL AND OTHER PROPERTIES OF A SPACE**
[54] **SYSTEME DE DECORATION INTERIEURE EMPLOYANT LES PROPRIETES TRIDIMENSIONNELLES ET AUTRES D'UN ESPACE**
[72] HIGH, DONALD, US
[72] ATCHLEY, MICHAEL DEAN, US
[72] WINKLE, DAVID, US
[71] WAL-MART STORES, INC., US
[22] 2016-12-02
[41] 2017-06-04
[30] US (62/263,499) 2015-12-04

[21] **2,950,640**
[13] A1
[51] **Int.Cl. A61K 31/505 (2006.01) A61K 31/519 (2006.01) A61K 31/635 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CERDULATINIB FOR TREATING HEMATOLOGICAL CANCERS**
[54] **CERDULATINIB DESTINE AU TRAITEMENT DES CANCERS HEMATOLOGIQUES**
[72] COFFEY, GREGORY, US
[72] FENG, JIAJIA, US
[71] PORTOLA PHARMACEUTICALS, INC., US
[22] 2016-12-02
[41] 2017-06-04
[30] US (62/263582) 2015-12-04
[30] US (62/342727) 2016-05-27
[30] US (62/342755) 2016-05-27
[30] US (62/371,145) 2016-08-04

[21] **2,950,646**
[13] A1
[51] **Int.Cl. B64C 25/50 (2006.01) B64C 25/34 (2006.01)**
[25] EN
[54] **FULLY ELECTRIC SPEED-PROPORTIONAL NOSE WHEEL STEERING SYSTEM FOR AN AIRCRAFT**
[54] **SYSTEME DE DIRECTION DE ROUE AVANT PROPORTIONNELLE A LA VITESSE ENTIEREMENT ELECTRIQUE DESTINE A UN AERONEF**
[72] SHARPE, PETER, GB
[71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
[22] 2016-12-05
[41] 2017-06-07
[30] EP (15198291.5) 2015-12-07

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[13] A1
[51] **Int.Cl. A01G 23/14 (2006.01) A01G 23/10 (2006.01)**
[25] EN
[54] **MAPLE TAP WITH SLEEVE**
[54] **ROBINET POUR ENTAILLE D'ERABLE DOTE D'UN MANCHON**
[72] MOREY, DENNIS, US
[71] MOREY, DENNIS, US
[22] 2016-12-06
[41] 2017-06-07
[30] US (62/263,918) 2015-12-07

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[13] A1
[51] **Int.Cl. H01H 71/00 (2006.01) H01H 33/72 (2006.01) H01H 33/86 (2006.01)**
[25] EN
[54] **CIRCUIT BREAKERS, ARC EXPANSION CHAMBERS, AND OPERATING METHODS**
[54] **DISJONCTEURS, CHAMBRES D'EXPANSION D'ARC ET METHODES D'EXPLOITATION**
[72] GUANG, YANG, US
[71] SIEMENS INDUSTRY, INC., US
[22] 2016-12-06
[41] 2017-06-08
[30] US (14/962,205) 2015-12-08

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[13] A1
[51] **Int.Cl. G05B 9/02 (2006.01) A47K 3/00 (2006.01) A61H 33/00 (2006.01)**
[25] EN
[54] **BATH SAFETY CONTROL SYSTEM AND BATH SAFETY CONTROL METHOD**
[54] **SYSTEME DE CONTROLE DE SECURITE DE BAIN ET METHODE DE CONTROLE DE SECURITE DE BAIN**
[72] KANG, CHI-LIN, TW
[72] HUANG, CHAO-YUAN, TW
[71] DARTPOINT TECH. CO., LTD., TW
[22] 2016-12-06
[41] 2017-06-08
[30] US (62/264,345) 2015-12-08
[30] TW (105115093) 2016-05-16

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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) H04W 4/00 (2009.01) F21S 10/02 (2006.01) H04B 3/54 (2006.01) H04L 12/40 (2006.01) F21K 9/00 (2016.01) F21V 31/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING AQUATIC LIGHTING USING POWER LINE COMMUNICATION**
[54] **SYSTEMES ET METHODES DE CONTROLE DE L'ECLAIRAGE AQUATIQUE AU MOYEN DE COMMUNICATION SUR LE RESEAU ELECTRIQUE**
[72] LYONS, GREG, US
[72] NETZEL, ROBERT J., SR., US
[72] PEREZ, GABRIEL, US
[71] PENTAIR WATER POOL AND SPA, INC., US
[22] 2016-12-06
[41] 2017-06-07
[30] US (62/264,162) 2015-12-07
[30] US (15/369,335) 2016-12-05

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[13] A1
[51] **Int.Cl. G01D 21/00 (2006.01) A61H 33/00 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **REMOTE DIAGNOSIS MANAGEMENT SYSTEM AND METHOD FOR OPERATING THE SAME**
[54] **SYSTEME DE GESTION DE DIAGNOSTIC DISTANT ET METHODE D'EXPLOITATION CONNEXE**
[72] KANG, CHI-LIN, TW
[72] LU, AI-CHIEH, TW
[72] HUANG, CHAO-YUAN, TW
[71] DARTPOINT TECH. CO., LTD., TW
[22] 2016-12-06
[41] 2017-06-08
[30] US (62/264,345) 2015-12-08
[30] TW (105132242) 2016-10-05

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[13] A1
[51] **Int.Cl. A45C 3/04 (2006.01) A45C 13/18 (2006.01) A45C 13/26 (2006.01) B65D 33/06 (2006.01) B65D 55/06 (2006.01)**
[25] EN
[54] **SECURE SHOPPING BAG**
[54] **SAC DE MAGASINAGE SECURISE**
[72] CHANDARIA, KAPOOR, KE
[72] TOBIAS, BRIAN, CA
[72] MURPHY, GORDON, BB
[71] KITARU INNOVATIONS INC., BB
[22] 2016-12-06
[41] 2017-06-10
[30] US (62/265,628) 2015-12-10
[30] US (15/368,035) 2016-12-02
[30] US (15/368,090) 2016-12-02

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[13] A1
[51] **Int.Cl. G01R 31/00 (2006.01) A61H 33/00 (2006.01)**
[25] EN
[54] **REMOTE DIAGNOSIS SYSTEM AND METHOD FOR OPERATING THE SAME**
[54] **SYSTEME DE DIAGNOSTIC DISTANT ET METHODE D'EXPLOITATION CONNEXE**
[72] KANG, CHI-LIN, TW
[72] HUANG, CHAO-YUAN, TW
[71] DARTPOINT TECH. CO., LTD., TW
[22] 2016-12-06
[41] 2017-06-08
[30] US (62/264,345) 2015-12-08
[30] TW (105117080) 2016-05-31

[21] **2,950,663**
[13] A1
[51] **Int.Cl. G10L 15/00 (2013.01) H04W 4/00 (2009.01) A61H 33/00 (2006.01)**
[25] EN
[54] **VOICE CONTROL TYPE BATH SYSTEM AND OPERATING METHOD THEREOF**
[54] **SYSTEME DE BAIN DE TYPE A COMMANDE VOCALE ET METHODE D'EXPLOITATION CONNEXE**
[72] KANG, CHI-LIN, TW
[72] HUANG, CHAO-YUAN, TW
[71] DARTPOINT TECH. CO., LTD., TW
[22] 2016-12-06
[41] 2017-06-08
[30] US (62/264,345) 2015-12-08
[30] TW (105120759) 2016-06-30

[21] **2,950,684**
[13] A1
[51] **Int.Cl. B66C 1/28 (2006.01) B66C 1/22 (2006.01) B66C 13/00 (2006.01)**
[25] EN
[54] **HOISTING FRAME FOR OVERWEIGHT LIFTING**
[54] **CADRE DE LEVAGE DESTINE AU LEVAGE DE SURPOIDS**
[72] NOOREN, PIET, US
[72] LAMBOOIJ, THOMAS, NL
[71] MAMMOET USA SOUTH, INC., US
[22] 2016-12-06
[41] 2017-06-07
[30] US (62/265,577) 2015-12-10
[30] US (62/263,837) 2015-12-07

[21] **2,950,717**
[13] A1
[51] **Int.Cl. E04C 3/36 (2006.01)**
[25] EN
[54] **FRICTION FIT COMPOSITE COLUMN**
[54] **COLONNE EN COMPOSITE S'ADAPTANT PAR FRICTION**
[72] GILBERT, FREDRICK R., US
[72] PEDERSON, DANIEL, US
[72] PRITZL, ANDREW, US
[72] KLESSIG, CAYNEN, US
[71] JACK WALTERS & SONS, CORP., US
[22] 2016-12-06
[41] 2017-06-08
[30] US (14/962022) 2015-12-08
[30] US (62/405623) 2016-10-07
[30] US (15/363576) 2016-11-29

[21] **2,950,732**
[13] A1
[51] **Int.Cl. E21B 33/03 (2006.01) E21B 33/038 (2006.01)**
[25] EN
[54] **HIGH PRESSURE SEALS FOR WELLHEAD PRESSURE CONTROL FITTINGS**
[54] **JOINTS HAUTE PRESSION DESTINES AUX RACCORDS DE COMMANDE DE PRESSION DE TETE DE PUITS**
[72] JOHANSEN, KEITH C., US
[72] SNOKE, NICOLAS G., US
[71] FHE USA LLC, US
[22] 2016-12-07
[41] 2017-06-07
[30] US (15/371,141) 2016-12-06
[30] US (15/341,864) 2016-11-02
[30] US (62/263,889) 2015-12-07

[21] **2,950,777**
[13] A1
[51] **Int.Cl. F01D 25/00 (2006.01) F01D 21/00 (2006.01) F02C 7/00 (2006.01) G02B 23/24 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR LOCATING A PROBE WITHIN A GAS TURBINE ENGINE**
[54] **SYSTEME ET METHODE DE LOCALISATION D'UNE SONDE DANS UNE TURBINE A GAZ**
[72] DIWINSKY, DAVID SCOTT, US
[72] LIM, SER NAM, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-06
[41] 2017-06-09
[30] US (14/963,695) 2015-12-09
[30] US (15/041,160) 2016-02-11

[21] **2,950,782**
[13] A1
[51] **Int.Cl. B64D 33/08 (2006.01) B64D 15/00 (2006.01) F01D 25/02 (2006.01) F02C 7/047 (2006.01)**
[25] EN
[54] **THERMAL MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION THERMIQUE**
[72] MILLER, BRANDON WAYNE, US
[72] KROGER, CHRISTOPHER JAMES, US
[72] CERNY, MATTHEW ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
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[30] US (14/963,419) 2015-12-09

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[51] **Int.Cl. C04B 41/87 (2006.01) C04B 35/80 (2006.01)**
[25] EN
[54] **ABRADABLE COMPOSITIONS AND METHODS FOR CMC SHROUDS**
[54] **COMPOSITIONS ABRASABLES ET METHODES DESTINEES AUX ENVELOPPES EN COMPOSITE A MATRICE CERAMIQUE**
[72] KIRBY, GLEN HAROLD, US
[72] MANICKE, PAUL STEPHEN, US
[71] GENERAL ELECTRIC COMPANY, US
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[30] US (14/963,448) 2015-12-09

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[25] EN
[54] **THERMAL MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION THERMIQUE**
[72] MILLER, BRANDON WAYNE, US
[72] ANSTEAD, DUANE HOWARD, US
[72] SENNOUN, MOHAMMED EL HACIN, US
[72] FANG, NING, US
[72] SNOW, KYLE ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
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[41] 2017-06-08
[30] US (14/962,313) 2015-12-08
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[25] EN
[54] **EXHAUST NOZZLE FOR GAS TURBINE ENGINE**
[54] **BUSE D'EVACUATION DE TURBINE A GAZ**
[72] HOLT, GAVIN JOSEPH, US
[72] IGLEWSKI, TOMASZ, PL
[72] HOLLAND, JOHN ROBERT, PL
[71] GENERAL ELECTRIC COMPANY, US
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[30] PL (P.415184) 2015-12-10

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[51] **Int.Cl. C08J 3/09 (2006.01) C09K 8/64 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **METHODS FOR HYDROCARBON RECOVERY**
[54] **METHODES DE RECUPERATION D'HYDROCARBURES**
[72] KIM, DO HOON, US
[72] ALEXIS, DENNIS ARUN, US
[72] DWARAKANATH, VARADARAJAN, US
[72] ESPINOSA, DAVID, US
[72] MALIK, TAIMUR, US
[72] JACKSON, LOGAN, US
[72] LYNCH, TOM, US
[72] ROBINSON, RONALD, US
[72] FOURNIER, FRANCES, US
[72] YANG, HONG, US
[72] AUJLA, SUKHJIT, US
[71] CHEVRON U.S.A. INC., US
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[41] 2017-06-08
[30] US (62/264772) 2015-12-08

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[51] **Int.Cl. H05B 37/02 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **COMBINATION DIMMABLE DRIVER**
[54] **COMBINAISON DE MECANISME D'ENTRAINEMENT GRADATEUR**
[72] HU, FENG-KANG, US
[72] WANG, HANGYANG, CN
[72] CHEN, FENG, US
[72] CHOWDHURY, TOWFIQ, US
[72] SPENCER, CHARLES J., US
[71] ABL IP HOLDING LLC, US
[22] 2016-12-06
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[30] US (62/264310) 2015-12-07
[30] US (14/962968) 2015-12-08

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[25] FR
[54] **LOADING PROCESS FOR A COMPUTER RESOURCE IN AN ELECTRONIC DEVICE, CORRESPONDING ELECTRONIC MODULE AND SOFTWARE PROGRAM**
[54] **PROCEDE DE CHARGEMENT D'UNE RESSOURCE INFORMATIQUE AU SEIN D'UN DISPOSITIF ELECTRONIQUE, MODULE ELECTRONIQUE ET PROGRAMME D'ORDINATEUR CORRESPONDANT**
[72] AUFFRAY, CHRISTOPHE, FR
[71] INGENICO GROUP, FR
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[25] EN
[54] **THERMAL IMAGING IN A HIGH TEMPERATURE FURNACE**
[54] **IMAGERIE THERMIQUE DANS UN FOUR HAUTE TEMPERATURE**
[72] ZHAO, YAN, US
[72] LI, XIANMING JIMMY, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2016-12-07
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[25] EN
[54] **TELESCOPICALLY EXTENDABLE/COLLAPSIBLE LADDER AND METHOD TO FASHION AND USE THE SAME**
[54] **ECHELLE DEPLOYABLE/ECRASABLE TELESCOPIQUEMENT ET METHODE DE PRESENTATION ET UTILISATION ASSOCIEE**
[72] MUTCHNIK, MICHAEL, CA
[72] MUTCHNIK, ANDREY, CA
[72] MUTCHNIK, ANDREY, CA
[71] MUTCHNIK, MICHAEL, CA
[71] MUTCHNIK, ANDREY, CA
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[51] **Int.Cl. B65B 3/04 (2006.01)**
[25] EN
[54] **MACHINE FOR FILLING BOTTLES, CANS AND LIKE CONTAINERS**
[54] **MACHINE DE REMPLISSAGE DE BOUTEILLES, CANNETTES ET AUTRES CONTENANTS SEMBLABLES**
[72] BONDI, ROBERT D., CA
[72] MERLO, ALLAN J., CA
[72] BEDEK, JOHN J., CA
[71] 764944 ALBERTA INC. OPERATING AS AM JADE CO., CA
[22] 2016-12-08
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[51] **Int.Cl. H02H 7/04 (2006.01) H01F 27/34 (2006.01)**
[25] EN
[54] **CIRCUIT ARRANGEMENT FOR COMPENSATION OF A DC COMPONENT IN A TRANSFORMER**
[54] **ARRANGEMENT DE CIRCUIT DESTINE A LA COMPENSATION D'UN COMPOSANT CC DANS UN TRANSFORMATEUR**
[72] HAMBERGER, PETER, AT
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[22] 2016-12-08
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[51] **Int.Cl. H04L 12/22 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **CONNECTED SECURITY SYSTEM**
[54] **SYSTEME DE SECURITE CONNECTE**
[72] MULCHANDANI, SHAAN, US
[72] HASSANZADEH, AMIN, US
[72] HOVOR, ELVIS, US
[72] MODI, SHIMON, US
[72] NEGM, WALID, US
[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, GB
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[30] US (62/265,186) 2015-12-09
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[54] **CLOSED LITTER BOX FOR PETS**
[54] **BAC A LITIERE FERME POUR ANIMAUX DE COMPAGNIE**
[72] BAIOCCHI, RENZO, IT
[71] BAMA S.P.A., IT
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[25] EN
[54] **SYNCHRONIZING PLAYBACK OF SEGMENTED VIDEO CONTENT ACROSS MULTIPLE VIDEO PLAYBACK DEVICES**
[54] **SYNCHRONISATION DE LECTURE DE CONTENU VIDEO SEGMENTE SUR PLUSIEURS DISPOSITIFS DE LECTURE VIDEO**
[72] KIPP, NEILL, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2016-12-07
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[25] EN
[54] **SYSTEM COMPRISING A MIXER-WAGON, FOR MIXING AND DISTRIBUTING FODDER, AND A MECHANICAL POWER TRANSMISSION UNIT FOR ACTUATING THE MIXER-WAGON**
[54] **SYSTEME COMPORTANT UN WAGON MELANGEUR, DESTINE A MELANGER ET DISTRIBUER DU FOURRAGE ET UN MODULE DE TRANSMISSION DE PUISSANCE MECANIQUE SERVANT A ACTIONNER LE WAGON MELANGEUR**
[72] BONDIOLI, EDI, IT
[71] BONDIOLI, EDI, IT
[22] 2016-12-08
[41] 2017-06-10
[30] IT (102015000081676) 2015-12-10

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[51] **Int.Cl. B60N 2/20 (2006.01)**
[25] EN
[54] **EASY ENTRY SEAT ASSEMBLY WITH RECLINER LOCKOUT MECHANISM**
[54] **DISPOSITIF DE SIEGE FACILITANT L'ENTREE DOTE D'UN MECANISME DE VERROUILLAGE D'INCLINAISON**
[72] PLOCH, STEVEN, US
[72] TAME, OMAR D., US
[71] MAGNA SEATING INC., CA
[22] 2016-12-09
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[30] US (62/264,894) 2015-12-09

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[51] **Int.Cl. E02F 3/815 (2006.01) B60P 1/56 (2006.01) B65G 67/24 (2006.01) E02F 3/84 (2006.01)**
[25] EN
[54] **MATERIAL DISPERSAL BLADE FOR A BOTTOM DUMP TRAILER**
[54] **LAME DE DISPERSION DE MATERIAU DESTINEE A UNE REMORQUE A DECHARGEMENT PAR LE FOND**
[72] GORDON, GLENN L., US
[71] GORDON, GLENN L., US
[22] 2016-12-07
[41] 2017-06-07
[30] US (62264247) 2015-12-07
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[25] EN
[54] **SYSTEMS AND METHODS FOR PROCESSING ELECTRONIC PAYMENT AUTHORIZATION OF ONLINE CREDIT CARD TRANSACTIONS INVOLVING VIRTUAL CREDIT CARDS**
[54] **SYSTEMES ET METHODES DE TRAITEMENT D'AUTORISATION DE PAIEMENT ELECTRONIQUE DE TRANSACTIONS DE CARTE DE CREDIT EN LIGNE IMPLIQUANT DES CARTES DE CREDIT VIRTUELLES**
[72] MARTIN-BALE, ALEXANDER, CA
[72] ASSOULINE, DANIEL, CA
[71] LAVASOFT CANADA INC., CA
[22] 2016-12-08
[41] 2017-06-08
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[51] **Int.Cl. E21B 19/14 (2006.01) E21B 19/15 (2006.01)**
[25] EN
[54] **PIPE HANDLING METHODOLOGY**
[54] **METHODOLOGIE DE TRAITEMENT DE TUYAU**
[72] MAGNUSON, CHRISTOPHER, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2016-12-07
[41] 2017-06-09
[30] US (62/265,139) 2015-12-09
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[51] **Int.Cl. C09C 1/00 (2006.01) C09C 3/06 (2006.01) C09D 5/33 (2006.01)**
[25] EN
[54] **SOLAR REFLECTIVE PARTICULATES**
[54] **PARTICULES REFLECHISSANTES SOLAIRES**
[72] SMITH, ROCKY LEE, US
[72] WELLER, DAVID EARL, JR., US
[72] WU, SHIH-JEN, US
[72] KRATOCHVIL, RHONDA MARIE, US
[71] U.S. SILICA COMPANY, US
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[51] **Int.Cl. H04L 29/02 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR HARMFUL FILE RATING AND SCREENING IN ONLINE FILE TRANSFERS**
[54] **SYSTEMES ET METHODES DE CLASSEMENT ET FILTRAGE DE FICHIER NUISIBLE LORS DE TRANSFERTS DE FICHIER EN LIGNE**
[72] MARTIN-BALE, ALEXANDER, CA
[72] ASSOULINE, DANIEL, CA
[71] LAVASOFT CANADA INC., CA
[22] 2016-12-08
[41] 2017-06-08
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[25] EN
[54] **LUMINAIRE JUNCTION BOX HOUSING**
[54] **LOGEMENT DE BOITE DE RACCORDEMENT DE LUMINAIRE**
[72] SCHUBERT, MATTHEW, US
[72] STAUNER, JOSEPH, US
[71] ABL IP HOLDING LLC, US
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[51] **Int.Cl. F21V 21/04 (2006.01) F21S 8/02 (2006.01) F21V 23/06 (2006.01) H02G 3/08 (2006.01)**
[25] EN
[54] **LIGHTING ASSEMBLY WITH LIGHT FIXTURE MOUNTED IN ELECTRICAL BOX**
[54] **APPAREIL D'ECLAIRAGE DOTE D'UN DISPOSITIF DE LUMIERE INSTALLE DANS UN COFFRET ELECTRIQUE**
[72] STAUNER, JOSEPH, US
[72] COLLINS, KERRY, US
[71] ABL IP HOLDING LLC, US
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[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **COLOR MIXING FOR SOLID STATE LIGHTING USING DIRECT AC DRIVES**
[54] **MELANGE DE COULEURS DESTINE A L'ECLAIRAGE A SEMICONDUCTEUR AU MOYEN D'ENTRAINEMENTS CA DIRECTS**
[72] CHOWDHURY, TOWFIQ, US
[72] GIELNIEWSKI, MICHAEL Z., US
[72] CHEN, FENG, US
[72] LOPEZ, ALEJANDRO, US
[71] ABL IP HOLDING LLC, US
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[25] EN
[54] **SYSTEMS TO ELECTRONICALLY CATALOG AND GENERATE DOCUMENTATION FOR RETAIL-LEVEL POWER**
[54] **SYSTEME DE CATALOGAGE ELECTRONIQUE ET DE GENERATION DE DOCUMENT D'ELECTRICITE AU DETAIL**
[72] MOKHTARI, SASAN, US
[72] SLUTSKER, ILYA WILLIAM, US
[72] DANAI, BEHNAM, US
[72] IPAKCHI, ALI, US
[72] ALBUYEH, FARROKH, US
[72] RAHIMI, ABDOLHOSSEIN AKA FARROKH, US
[71] OPEN ACCESS TECHNOLOGY INTERNATIONAL, INC., US
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[54] **VISCOSITY INDEX IMPROVER CONCENTRATES**
[54] **CONCENTRES D'AMELIORATION D'INDICE DE VISCOSITE**
[72] TARIBAGIL, RAJIV R., US
[72] TAYLOR, STUART A., GB
[72] BRIGGS, STUART, US
[72] CHAMBARD, LAURENT, US
[71] INFINEUM INTERNATIONAL LIMITED, GB
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[54] **AUTOMATED GENERATION OF DIGITAL ELEVATION MODELS**
[54] **GENERATION AUTOMATISEE DE MODELES D'ELEVATION NUMERIQUES**
[72] SALOMONSSON, PETER, CA
[72] INSUA, TANIA LADO, CA
[72] COADY, YVONNE, CA
[71] OCEAN NETWORKS CANADA SOCIETY, CA
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[51] **Int.Cl. E04H 15/34 (2006.01)**
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[54] **TENT AND TENT SUPPORT FRAME HAVING SUPPORT POLES COUPLED BY ROTATABLE CONNECTOR**
[54] **TENTE ET CADRE DE SUPPORT DE TENTE COMPORTANT DES MONTANTS COUPLES PAR UN CONNECTEUR PIVOTANT**
[72] JIN, JU YOUNG, CN
[71] LUHUA (XIAMEN) TRADING CO., LTD., CN
[22] 2016-12-09
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[25] EN
[54] **MAIZE INBRED PH1MDK**
[54] **MAIS ENDOGAME PH1MDK**
[72] HOTCHKISS, JAY ROBERT, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **LA TABLETTE ELECTRONIQUE BANCAIRE**
[72] ANTILUS, JASON-KENOLD, CA
[71] ANTILUS, JASON-KENOLD, CA
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[51] **Int.Cl. E01H 5/06 (2006.01) E02F 3/815 (2006.01)**
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[54] **DUAL FUNCTION PUSHER-PULLER PLOW BLADE SYSTEM**
[54] **SYSTEME DE LAME DE CHARRUE POUSSER-TIRER DOUBLE FONCTION**
[72] ROBERGE, JULES, CA
[71] ATELIER D'USINAGE JULES ROBERGE INC., CA
[22] 2017-02-10
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[25] EN
[54] **ENTHALPY RECOVERY FROM TAILINGS**
[54] **RECUPERATION DE RESIDUS PAR ENTHALPIE**
[72] COOK, CHARLES J., CA
[72] CEBULA, SCOTT, CA
[72] HALIM, AMAR B., CA
[72] ALAM, SOHAIB SYED, CA
[72] KOROLUK, DEVON C., CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
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[54] **A SECTIONAL HYDRAULIC VALVE AND A TRUCK MOUNTED FORKLIFT INCORPORATING THE VALVE**
[54] **UNE VANNE HYDRAULIQUE SECTIONNELLE ET UN CHARIOT ELEVATEUR INSTALLE SUR UN CAMION COMPORTANT LA VANNE**
[72] TURNBULL, KEVIN, IE
[72] TADDIA, LUCA, IT
[72] GUERRIERI, STEFANO, IT
[71] CARGOTEC RESEARCH & DEVELOPMENT IRELAND LIMITED, IE
[71] BUCHER HYDRAULICS SPA, IT
[22] 2017-03-31
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[25] EN
[54] **METHOD AND SYSTEM FOR DIAGNOSIS OF A SIMULATOR**
[54] **METHODE ET SYSTEME DE DIAGNOSTIC D'UN SIMULATEUR**
[72] GIROUX, ANN-KATHERINE, CA
[72] GALIBOIS, MICHEL, CA
[72] HENEAULT, YANNICK, CA
[72] FILKORN, GUNTHER SASCHA, CA
[72] MELOCHE-CHARLEBOIS, FRANCIS, CA
[71] CAE INC., CA
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[25] EN
[54] **ARTIFICIAL EYE SYSTEM COMPRISING A SEE-THROUGH DISPLAY**
[54] **SYSTEME D'OEIL ARTIFICIEL COMPORTANT UN ECRAN TRANSPARENT**
[72] FLAMAND, JEAN-SEBASTIEN, CA
[72] CARON, FRANCOIS, CA
[71] CAE INC., CA
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[51] **Int.Cl. A61F 9/00 (2006.01) G09B 23/30 (2006.01) G09G 5/00 (2006.01)**
[25] EN
[54] **ARTIFICIAL EYE SYSTEM**
[54] **SYSTEME D'OEIL ARTIFICIEL**
[72] FLAMAND, JEAN-SEBASTIEN, CA
[72] CARON, FRANCOIS, CA
[71] CAE INC., CA
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[54] **THE SMARTNEWSPAPER**
[54] **LE JOURNAL INTELLIGENT**
[72] MURARU, ION, CA
[71] MURARU, ION, CA
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[54] **CHAMBRE DE COMBUSTION PULSEE EVOLUTIVE**
[72] MOVASSAGHI, MEHRZAD, CA
[71] MOVASSAGHI, MEHRZAD, CA
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[54] **SOURCES DE DONNEES MULTIPLES DE DONNEES CAPTUREES DANS UN FLUX VIDEO NOUVELLEMENT RENDU SIMPLE**
[72] IRELAND, ALEXANDER, CA
[72] RUSS, JACK, CA
[72] BOWNESS, DAVID, CA
[71] CAE INC., CA
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[54] **CONTEXTUAL MONITORING PERSPECTIVE SELECTION DURING TRAINING SESSION**
[54] **SELECTION DE PERSPECTIVE DE SURVEILLANCE CONTEXTUELLE PENDANT UNE SEANCE DE FORMATION**
[72] DELISLE, JEAN-FRANCOIS, CA
[71] CAE INC., CA
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[54] **SELECTION DE PERSPECTIVE D'UNE SCENE DE COMPTE RENDU**
[72] DELISLE, JEAN-FRANCOIS, CA
[71] CAE INC., CA
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[54] **FLUX VIDEO DETERIORE**
[72] RUSS, JACK, CA
[72] BOWNESS, DAVID, CA
[72] IRELAND, ALEXANDER, CA
[71] CAE INC., CA
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[54] **IMPROVED HEAT RENDERING IN AN INTERACTIVE COMPUTER SIMULATION SYSTEM**
[54] **RENDU DE CHALEUR AMELIORE DANS UN SYSTEME DE SIMULATION INFORMATIQUE INTERACTIF**
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[71] CAE INC., CA
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[54] **CENTRALISEURS SERVANT A CENTRALISER DES TUBAGES DE PUITS**
[72] JEWETT, SCOTT E., US
[72] DUCKWORTH, DAVID G., US
[71] BP CORPORATION NORTH AMERICA INC., US
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[54] **COMPOSITIONS DE MATRICE METALLIQUE ET METHODES DE FABRICATION ASSOCIEES**
[72] XU, YUEHUA, CN
[72] YUAN, YUAN, CN
[72] LIU, BIN, CN
[71] SEED TECHNOLOGIES CORP., LTD., CN
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[54] **APPLICATION TOPIQUE POUR ANTICORPS ANTI-HSV**
[72] ARNDT, MICHAELA, DE
[72] KRAUSS, JURGEN, DE
[72] JAGER, DIRK, DE
[71] HEIDELBERG IMMUNOTHERAPEUTICS GMBH, DE
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[54] **PROCEDE DE PRODUCTION D'UN PBX THERMIQUEMENT REARRANGE, PBX THERMIQUEMENT REARRANGE ET MEMBRANE**
[72] TENA, ALBERTO, ES
[72] RANGOU, SOFIA, DE
[72] SHISHATSKIY, SERGEY, DE
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[54] **TRAITEMENT SYSTEMIQUE EFFICACE DE PATHOLOGIES MUSCULAIRES DYSTROPHIQUES**
[72] DICKSON, GEORGE, GB
[72] VOIT, THOMAS, FR
[72] MOULLIER, PHILIPPE, FR
[72] LE GUINER, CAROLINE, FR
[71] GENETHON, FR
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[54] **METHODS FOR TREATING, DIAGNOSING AND PROGNOSING A HAEMATOLOGICAL MALIGNANCY**
[54] **PROCEDES POUR LE TRAITEMENT, LE DIAGNOSTIC ET LE PRONOSTIC D'UNE TUMEUR MALIGNE HEMATOLOGIQUE**
[72] MUNOZ RISUENO, RUTH, ES
[71] INSTITUT DE RECERCA CONTRA LA LEUCEMIA JOSEP CARRERAS, ES
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[54] **METHODS FOR THE PREPARATION OF 1,3-BENZODIOXOLE HETEROCYCLIC COMPOUNDS**
[54] **PROCEDES POUR LA PREPARATION DE COMPOSES HETEROCYCLIQUES 1,3-BENZODIOXOLE**
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[72] FALDT, ANDRE, DK
[71] LEO PHARMA A/S, DK
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[54] **NOUVEAUX LIPIDES ET FORMULATIONS NANOPARTICULAIRES LIPIDIQUES POUR L'ADMINISTRATION D'ACIDES NUCLEIQUES**
[72] ANSELL, STEVEN MICHIAL, CA
[72] DU, XINYAO, CA
[71] ACUITAS THERAPEUTICS INC., CA
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[54] **INSTALLATION D'EXTINCTION DE GAZ INERTE**
[72] EBERLEIN, ANSELM, DE
[71] AMRONA AG, CH
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[54] **INDOLES FOR USE IN INFLUENZA VIRUS INFECTION**
[54] **INDOLES POUVANT ETRE UTILISES DANS L'INFECTION PAR LE VIRUS INFLUENZA**
[72] JONCKERS, TIM HUGO MARIA, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[72] GUILLEMONT, JEROME EMILE GEORGES, FR
[72] MC GOWAN, DAVID CRAIG, BE
[72] EMBRECHTS, WERNER CONSTANT JOHAN, BE
[72] COOYMANS, LUDWIG PAUL, BE
[72] MICHAUT, ANTOINE BENJAMIN, FR
[71] JANSSEN SCIENCES IRELAND UC, IE
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[25] EN
[54] **SYSTEM FOR THE FURTHER TREATMENT OF PREFORMS PRODUCED BY MEANS OF INJECTION MOLDING**
[54] **SYSTEME DE TRAITEMENT ULTERIEUR DE PREFORMES FABRIQUEES PAR MOULAGE PAR INJECTION**
[72] WAGNER, CHRISTIAN, DE
[72] THOMMES, HELMUT, DE
[72] PETRY, RAINER, DE
[71] MHT MOLD & HOTRUNNER TECHNOLOGY AG, DE
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[54] **TISSU NON TISSE DISPERSIBLE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] KELLNER, JURGEN, DE
[72] KUHN, JORG, DE
[71] GLATFELTER GERNSBACH GMBH, DE
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[54] **A METHOD FOR FUSING OR CONTACTING REACTOR AND REAGENT DROPLETS IN A MICROFLUIDIC OR MILLIFLUIDIC DEVICE**
[54] **PROCEDE DE FUSION OU DE MISE EN CONTACT DE GOUTTELETTES DE REACTEUR ET DE REACTIF DANS UN DISPOSITIF MICROFLUIDIQUE OU MILLIFLUIDIQUE**
[72] GARNICA RODRIGUEZ, JAIRO IVAN, FR
[72] BOITARD, LAURENT, FR
[72] DREVELLE, ANTOINE SERGE DOMINIQUE, FR
[72] BREMOND, NICOLAS PIERRE, FR
[72] BIBETTE, JEROME, FR
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[72] VAN DEN BERG, ROSEL SUZAN ADINE, NL
[72] BURGMANS, HIDDE HANS, NL
[72] DELFOS, RICCO JOHANNES, NL
[72] PEETERS, ANNA-LOUISA, NL
[72] VAN WULFFTEN PALTHE, FLORINE QUINTA HENRIETTE, NL
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[25] FR
[54] **METHOD FOR THE PRODUCTION OF HEAT-SEALING BARRIER PAPER**
[54] **PROCEDE DE FABRICATION D'UN PAPIER BARRIERE THERMOSCELLANT**
[72] SCHILDKNECHT, LAURENT, FR
[72] SCHOTT, SEVERINE, FR
[72] ESCAFFRE, PASCALE, FR
[71] MUNKSJO OYJ, FI
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[72] OGON, MICHAEL, AT
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[72] SCHOTT, SEVERINE, FR
[72] ESCAFFRE, PASCALE, FR
[71] MUNKSJO OYJ, FI
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[54] **CAPTEUR, ELEMENT FILTRE COMPORTANT UN CAPTEUR ET UTILISATION D'UN TEL ELEMENT FILTRE**
[72] CAESAR, THOMAS, DE
[72] TAPPER, RENATE, DE
[72] HEINZ, STEFFEN, DE
[72] NEUBERT, MARCO, DE
[71] CARL FREUDENBERG KG, DE
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[25] EN
[54] **GRANULE/LIQUID FLOW ADJUSTING DEVICE FOR 3D PRINTER HEADS SUPPLIED WITH GRANULES AND/OR LIQUIDS**
[54] **DISPOSITIF D'AJUSTEMENT DE FLUX DE LIQUIDE/GRANULES POUR TETES D'IMPRESSION 3-D ALIMENTES EN GRANULES ET/OU LIQUIDE**
[72] STUBENRUSS, MORITZ, IT
[71] STARFORT DES STUBENRUSS MORITZ, IT
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[86] 2015-07-14 (PCT/EP2015/066023)
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[54] **PROCEDE DE FABRICATION D'UN BALLONNET POUR ANGIOPLASTIE**
[72] WESSELMANN, MATTHIAS, CH
[72] HANI, SEMIJAN, CH
[72] QUINT, BODO, DE
[71] BIOTRONIK AG, CH
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[54] **METHOD FOR OBTAINING STABILIZED LIGNIN HAVING A DEFINED PARTICLE-SIZE DISTRIBUTION FROM A LIGNIN-CONTAINING LIQUID**
[54] **PROCEDE D'EXTRACTION D'UNE LIGNINE STABILISEE AYANT UNE DISTRIBUTION GRANULOMETRIQUE DEFINIE A PARTIR D'UN LIQUIDE CONTENANT DE LA LIGNINE**
[72] WITTMANN, TOBIAS, DE
[71] SUNCOAL INDUSTRIES GMBH, DE
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[54] **IMPROVED PROCESS FOR TREATING BIOMASS TO PRODUCE MATERIALS USEFUL FOR BIOFUELS**
[54] **PROCEDE PERFECTIONNE POUR LE TRAITEMENT DE BIOMASSE POUR PRODUIRE DES MATERIAUX UTILES POUR DES BIOCARBURANTS**
[72] BLACKBOURN, ROBERT LAWRENCE, US
[72] WEIDER, PAUL RICHARD, US
[72] BORISKI, DENNIS SHANE, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[25] EN
[54] **SORTING INSTALLATION AND METHOD FOR SEPARATING MATERIAL FRACTIONS**
[54] **INSTALLATION DE TRI ET PROCEDE DE SEPARATION DE FRACTIONS DE MATERIAU**
[72] BOHLEBER, JURGEN, DE
[72] SCHMIDT, ALFRED, DE
[71] UNISENSOR SENSORSYSTEME GMBH, DE
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[25] EN
[54] **ANTIMICROBIAL COMPOUNDS AND COMPOSITIONS, AND USES THEREOF**
[54] **COMPOSES ET COMPOSITIONS ANTIMICROBIENS AINSI QUE LEURS UTILISATIONS**
[72] ALA'ALDEEN, DLAWER, GB
[72] MAHDAVI, JAFAR, GB
[72] SOULTANAS, PANOS, GB
[71] AKESO BIOMEDICAL, INC., US
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[54] **PROCEDE DE RECUPERATION D'ACIDE CARBOXYLIQUE ET PROCEDE DE TRAITEMENT DU BOIS**
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[54] **DISPOSITIF POUR LA SEPARATION DE BULLES A PARTIR D'UN FLUIDE**
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[72] JOBST, FRAU ANNETTE, DE
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[54] **PRODUIT TEXTILE LINEAIRE**
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[54] **POIGNEE D'ACTIONNEMENT POUR SYSTEME DE SAUVETAGE LORS D'AVALANCHES, UNITE FONCTIONNELLE D'UN TEL SYSTEME ET SYSTEME DE SAUVETAGE LORS D'AVALANCHES**
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[54] **METHOD AND SYSTEM FOR ADDITIVE MANUFACTURING USING A LIGHT BEAM**
[54] **PROCEDE ET SYSTEME POUR FABRICATION ADDITIVE A L'AIDE D'UN FAISCEAU DE LUMIERE**
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[72] DOMINGUEZ, JESUS, ES
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[71] ETXE-TAR, S.A., ES
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[54] **METHOD FOR PRODUCING A SEAL ON A COMPONENT PART AND SHAPING TOOL FOR USE IN SUCH A METHOD**
[54] **PROCEDE DE PRODUCTION D'UN JOINT SUR UN ELEMENT ET OUTIL DE FACONNAGE DESTINE A ETRE UTILISE DANS UN PROCEDE DE CE TYPE**
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[54] **RUBAN DE FIBRE OPTIQUE, METHODE DE FABRICATION DE RUBAN DE FIBRE OPTIQUE ET COMPOSITION DE RESINE DURCISSABLE PAR UV EN VUE DE LA FORMATION DE PIECES DE CONNEXION DANS UNE FIBRE OPTIQUE CONNECTEE DE MANIERE INTERMITTENTE**
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[72] ISAJI, MIZUKI, JP
[72] OSATO, KEN, JP
[72] OKADA, NAOKI, JP
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[72] BEAMAN, ANDY, GB
[72] WESTPHAL, GUDRUN, DE
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[54] **PROCEDE DE FABRICATION D'UN MOULE POUR UNE COQUE D'AUBE DE TURBINE EOLIENNE**
[72] DE WAAL MALEFIJT, BERNARD WILLEM, DK
[72] WOLF, ULRIK, DK
[72] KIRKEGAARD, DANIEL SCHLICHTING, DK
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[72] KJOLLER, CLAUS, DK
[72] LORENTZEN, HANS JORGEN, DK
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[54] **PROCEDE D'ELIMINATION CATALYTIQUE DU DIOXYDE DE SOUFRE CONTENU DANS DES GAZ D'ECHAPPEMENT**
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[54] **METHOD AND DEVICE FOR AUTOMATIC PACKING OF WOOD**
[54] **PROCEDE ET DISPOSITIF POUR EMPAQUETAGE AUTOMATIQUE DE BOIS**
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[72] EVENSMO, MORTEN HVISTENDAHL, NO
[72] MOINICHEN, JORGEN, NO
[72] TURTUM, GEIR, NO
[72] RANHEIM, LARS MARTIN, NO
[72] PEDERSEN, JON-ARNE, NO
[72] BJORNE, ELIAS, NO
[72] LUNDGAARD, JOHANNES HATLE, NO
[72] BRITTON, PETER RICHARD, NO
[72] JOHANSEN, FREDRIK, NO
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[72] DE ROO, PETER ROBERT, NL
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[54] **STRUCTURE TEXTILE PERMETTANT D'EMPECHER QUE DE L'EAU NE S'INTRODUISE ET NE SE REPANDE DANS DES CABLES**
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[72] SCHNEIDER, ULRICH, DE
[72] JARRE, GERALD, DE
[72] SCHUSTER, MATTHIAS, DE
[72] ZAPLATILEK, NERMINA, DE
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[71] TREIBACHER INDUSTRIE AG, AT
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[54] PROCEDES ET CARTOUCHES MICROFLUIDIQUES PERMETTANT LA SEPARATION DE CELLULES
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[72] HARRAGHY, NIAMH, CH
[72] DROZ, XUAN, CH
[72] RIDA, AMAR, CH
[72] GIROD, PIERRE-ALAIN, CH
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[72] SEO, NEUNGSEON, US
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[72] DEGIOVANNI, ALAIN, FR
[72] SON, SEBASTIEN, FR
[72] JANNOT, YVES, FR
[72] PICKAERT, GUILLAUME, FR
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[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[72] LE BERRE, MARJORY, FR
[72] GILLOT, JULIEN, FR
[71] OBERTHUR FIDUCIAIRE SAS, FR
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[54] EMBALLAGE POUR STOCKAGE ET/OU CUISSON D'UN PRODUIT ALIMENTAIRE ET SON COUVERCLE
[72] SIN, WAI PING, SG
[72] TEO, BEE KHIM, SG
[71] NESTEC S.A., CH
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[54] **PRODUIT ABSORBANT POUR L'ELIMINATION SELECTIVE DU SULFURE D'HYDROGENE DANS UN COURANT DE FLUIDE**
[72] VORBERG, GERALD, DE
[72] NOTZ, RALF, DE
[72] INGRAM, THOMAS, DE
[72] SIEDER, GEORG, DE
[72] KATZ, TORSTEN, DE
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[54] **DISPOSITIF IMPLANTABLE A ADHERENCE CELLULAIRE SELECTIVE ET PROCEDE DE PRODUCTION**
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[72] THOMANN, JEAN-SEBASTIEN, FR
[72] PALISSOT, VALERIE, FR
[71] LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY (LIST), LU
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[25] EN
[54] **OVERTURNING DEVICE FOR OVERTURNING MOLTEN MATERIAL IN A MELT CHANNEL AND PURGING METHOD**
[54] **DISPOSITIF DE RETOURNEMENT POUR LE RETOURNEMENT D'UNE MATIERE FONDUE DANS UN CANAL POUR MATIERE FONDUE ET PROCEDE DE RINCAGE**
[72] BACKMANN, MARTIN, DE
[72] JACKERING, HERMANN-JOSEF, DE
[72] BUSSMANN, MARKUS, DE
[72] LIESBROCK, BERND, DE
[72] GOLUBSKI, KARSTEN, DE
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[54] **OVERTURNING DEVICE FOR OVERTURNING MOLTEN MATERIAL AND PURGING METHOD**
[54] **DISPOSITIF DE RETOURNEMENT POUR LE RETOURNEMENT D'UNE MATIERE FONDUE ET PROCEDE DE RINCAGE**
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[72] JACKERING, HERMANN-JOSEF, DE
[72] BUSSMANN, MARKUS, DE
[72] LIESBROCK, BERND, DE
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[54] **USE OF BRANCHED ALCOHOLS AND ALKOXYLATES THEREOF AS SECONDARY COLLECTORS**
[54] **UTILISATION D'ALCOOLS RAMIFIES ET D'ALCOXYLATES DE CEUX-CI EN TANT QUE COLLECTEURS SECONDAIRES**
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[72] KLINGBERG, ANDERS, SE
[72] HENRIKSSON, ELISABETH, SE
[72] NORDBERG, HENRIK, SE
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[25] EN
[54] **APPARATUS AND METHOD FOR PRILLING A LIQUID, PREFERABLY UREA MELT**
[54] **APPAREIL ET PROCEDE DE GRANULATION D'UN LIQUIDE, DE PREFERENCE DE L'UREE FONDUE**
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[72] BEDETTI, GIANFRANCO, CH
[71] CASALE SA, CH
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[54] **CARTOUCHE DE PURIFICATION D'ACIDE NUCLEIQUE**
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[72] PAREJA GOMEZ, JOSEP, ES
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[25] EN
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[54] **DERIVES D'ACIDE ORGANIQUE CONTENANT DU SILICIUM COMME AGENTS D'EXTINCTION AFFF RESPECTUEUX DE L'ENVIRONNEMENT**
[72] BLUNK, DIRK, DE
[72] YE, SHUTE, DE
[72] HETZER, RALF HELMUT, DE
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[72] FLACH, NICLAS, SE
[72] HAMBERG, KRISTINA, SE
[72] JOHANNISON, ULF, SE
[72] SODERSTROM, BENGT, SE
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[54] **METHOD FOR MANUFACTURING TUBULAR ARTICLES PROVIDED WITH A GRIP REGION BY WAY OF CIRCULAR HOSIERY KNITTING MACHINES, AND TUBULAR ARTICLE OBTAINED WITH THE METHOD**
[54] **PROCEDE DE FABRICATION D'ARTICLES TUBULAIRES POURVUS D'UNE REGION DE PREHENSION AU MOYEN DE MACHINES DE TRICOTAGE-CHAUSSANT CIRCULAIRES, ET ARTICLE TUBULAIRE OBTENU PAR LE PROCEDE**
[72] PINELLI, ENZO, IT
[72] PINELLI, MICHELE, IT
[72] PINELLI, LUCA, IT
[71] CALZIFICIO PINELLI S.R.L., IT
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[54] **OVERTURNING DEVICE FOR OVERTURNING MOLTEN MATERIAL AND PURGING METHOD**
[54] **DISPOSITIF DE RETOURNEMENT POUR LE RETOURNEMENT D'UNE MATIERE FONDUE ET PROCEDE DE RINCAGE**
[72] BACKMANN, MARTIN, DE
[72] JACKERING, HERMANN-JOSEF, DE
[72] BUSSMANN, MARKUS, DE
[72] LIESBROCK, BERND, DE
[72] GOLUBSKI, KARSTEN, DE
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[54] **MODULE DE SEPARATION DE FLUIDE A UTILISER DANS DES AERONEFS**
[72] ASHTON, DOMINIC, US
[72] RUSALI, RUDY HARYANTO, US
[72] MASSEY, ALAN ERNEST, GB
[71] EATON LIMITED, GB
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[72] SCHROEDER, ERIC, BE
[72] NIJSSE, JEROEN, NL
[71] MAYFAIR VERMOGENSVERWALTUNGS SE, DE
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[54] **DISPOSITIF DE REGULATION DU DEBIT DANS LE COEUR**
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[72] AKPINAR, MEHMET HAKAN, TR
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[54] **IMPLANT D'ANNULOPLASTIE**
[72] O'CARROLL, GER, IE
[72] PUGH, MARK, IE
[72] MORAN, ADRIAN, IE
[72] ZERKOWSKI, HANS-REINHARD, CH
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[54] **ELECTROLYSIS SYSTEM**
[54] **DISPOSITIF D'ELECTROLYSE**
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[54] **ANNULAR CATALYST CARRIER CONTAINER FOR USE IN A TUBULAR REACTOR**
[54] **RECIPIENT DE SUPPORT DE CATALYSEUR ANNULAIRE POUR UTILISATION DANS UN REACTEUR TUBULAIRE**
[72] GRAY, JULIAN, GB
[71] JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED, GB
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[54] **DEVICE FOR COOLING ADHESIVE APPLIED TO A SURFACE OF SACK BODIES**
[54] **DISPOSITIF DE REFROIDISSEMENT D'ADHESIF APPLIQUE SUR UNE SURFACE DE CORPS DE SACS**
[72] NEUMULLER, NORBERT, AT
[71] STARLINGER & CO GESELLSCHAFT M.B.H., AT
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[54] **DISPLAY PACK**
[54] **EMBALLAGE-PRESENTOIR**
[72] SABHERWAL, AMIT, IN
[72] SHUKLA, ASHUTOSH, IN
[71] GLAXOSMITHKLINE CONSUMER HEALTHCARE LTD, IN
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[54] **COMPOSITION D'EAU ELECTROLYSEE**
[72] GARDNER, STEPHEN PHILIP, GB
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[54] **TRANSMISSION SHAFT AND METHOD FOR PRODUCING SAME**
[54] **ARBRE DE TRANSMISSION ET SON PROCEDE DE FABRICATION**
[72] BOVEROUX, BENOIT, BE
[71] BD INVENT S.A., BE
[85] 2017-03-08
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[54] **METHOD FOR TREATING AN EFFLUENT SUPERSATURATED WITH CALCIUM CARBONATE IN THE PRESENCE OF PHOSPHONATE PRECIPITATION-INHIBITING PRODUCTS**
[54] **PROCEDE DE TRAITEMENT D'UN EFFLUENT SURSATURE EN CARBONATE DE CALCIUM EN PRESENCE DE PRODUITS INHIBITEURS DE PRECIPITATION PHOSPHONATES**
[72] GRANGE, DIDIER, FR
[72] COSTE, M., FR
[72] BARBIER, E., FR
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
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[54] **OVERTURNING DEVICE FOR OVERTURNING A MOLTEN MATERIAL AND PURGING METHOD**
[54] **DISPOSITIF DE RETOURNEMENT POUR LE RETOURNEMENT D'UNE MATIERE FONDUE ET PROCEDE DE RINCAGE**
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[72] JACKERING, HERMANN-JOSEF, DE
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[72] LIESBROCK, BERND, DE
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[54] **A PROCESS FOR THE OXIDATION OF HYDROGEN SULFIDE TO SULFUR TRIOXIDE WITH SUBSEQUENT SULFUR TRIOXIDE REMOVAL AND A PLANT FOR CARRYING OUT THE PROCESS**
[54] **PROCESSUS POUR L'OXYDATION DE SULFURE D'HYDROGENE EN DIOXYDE DE SOUFRE SUIVIE DE L'ELIMINATION DU TRIOXYDE DE SOUFRE ET INSTALLATION POUR REALISER LE PROCESSUS**
[72] SAADI, SOUHEIL, DK
[72] JAKOBSSON, NIKLAS BENGT, SE
[71] HALDOR TOPSOE A/S, DK
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[25] EN
[54] **METHOD OF DESIGNING AND MANUFACTURING A DISTRIBUTOR BAR FOR APPLYING A VISCOUS FOAMABLE LIQUID MIXTURE ONTO A LAMINATOR**
[54] **PROCEDE DE CONCEPTION ET DE FABRICATION D'UNE RAMPE DISTRIBUTRICE POUR APPLIQUER UN MELANGE LIQUIDE EXPANSIBLE VISQUEUX A UN DISPOSITIF DE STRATIFICATION**
[72] BRENNAN, MARK JOSEPH, BE
[71] HUNTSMAN INTERNATIONAL LLC, US
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[54] **VALVE INTEGRATED PRESSURE REGULATOR SYSTEM FOR PRESSURE VESSELS**
[54] **SYSTEME DE REGULATEUR DE PRESSION A VANNE INTEGREE POUR RECIPIENT SOUS PRESSION**
[72] HILTON, DERRICK EARNST, GB
[71] LINDE AKTIENGESELLSCHAFT, DE
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[54] **RADOME A STRUCTURE EN TREILLIS COMPRENANT UNE FEUILLE POLYMERE**
[72] PETRA, DANIELLE GEERTRUDA IRENE, NL
[72] ROOVERS, WILLIAM ADRIANUS CORNELIS, NL
[72] KOLAK, LEWIS, NL
[71] DSM IP ASSETS B.V., NL
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[72] BISCHOFF, SEBASTIAN, DE
[72] SIEDE, DANIEL, DE
[71] MAUSER-WERKE GMBH, DE
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[72] RUTSTEIN, MARK D., US
[72] SCHWARTZ, JONATHAN D., US
[72] TANG, SHANDE, US
[72] WALGREN, RICHARD A., US
[71] IMCLONE LLC, US
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[54] **CONTENANT D'EMBALLAGE FLEXIBLE**
[72] ZUM-DOHME, ROLF, DE
[72] REINKER, CHRISTOPH, DE
[71] BISCHOF + KLEIN SE & CO. KG, DE
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[54] **CONTENANT MUNI D'UN COUVERCLE**
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[72] SIEDE, DANIEL, DE
[71] MAUSER-WERKE GMBH, DE
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[54] **UNITE DE BUSE POUR LA RETICULATION DE TISSU OCULAIRE**
[72] WELLHOEFER, ARMIN, DE
[71] WAVELIGHT GMBH, DE
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[54] **REACTION PROCESS WITH MEMBRANE SEPARATION**
[54] **PROCEDE DE REACTION AVEC SEPARATION PAR MEMBRANE**
[72] ORMEROD, DOMINIC, BE
[72] BUEKENHOUDT, ANITA, BE
[71] VITO NV, BE
[85] 2017-03-17
[86] 2015-09-17 (PCT/EP2015/071302)
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[51] **Int.Cl. B01D 39/20 (2006.01) B01D 39/08 (2006.01) B01J 35/06 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING A CATALYZED FABRIC FILTER AND A CATALYZED FABRIC FILTER**
[54] **PROCEDE DE PREPARATION D'UN FILTRE EN TISSU CATALYSE ET FILTRE EN TISSU CATALYSE**
[72] CASTELLINO, FRANCESCO, DK
[72] KOLLIN, THOMAS HOLTEN, DK
[71] HALDOR TOPSOE A/S, DK
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[25] EN
[54] **PROCESS FOR TREATING BLACK LIQUOR**
[54] **PROCEDE DE TRAITEMENT DE LIQUEUR NOIRE**
[72] ZEEUW, AREND-JAN, NL
[72] WEARING, JAMES THEODORE, CA
[72] BOYD, DAVID ANTHONY, CA
[72] BRERETON, CLIVE, CA
[72] BLACKWELL, BRIAN ROBIN, CA
[71] HUNTSMAN INTERNATIONAL LLC, US
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[25] EN
[54] **METHOD FOR IMPROVED REACTIVE MONOMER PRODUCTION WITH MEMBRANE FILTRATION**
[54] **PROCEDE DE PRODUCTION DE MONOMERE REACTIF AMELIORE AVEC FILTRATION SUR MEMBRANE**
[72] BOAM, ANDREW, GB
[72] BOUWHUIS, YURI, US
[72] JAMES, PHILLIP R., GB
[72] KOLEVA, VELICHKA YORDANOVA, DE
[72] NISSEN, FELIX, DE
[71] EVONIK DEGUSSA GMBH, DE
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[54] **PROCEDES ET SYSTEMES DE DECHARGE DE BATTERIE SANS CONTACT**
[72] BRUMLEY, EDWARD W., US
[72] GEREN, MICHAEL D., US
[72] HERRMANN, JOHN E., US
[71] MOTOROLA SOLUTIONS, INC., US
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[54] **DISTRIBUTED POWER RECEIVING ELEMENTS FOR WIRELESS POWER TRANSFER**
[54] **ELEMENTS DE RECEPTION D'ENERGIE DISTRIBUEE POUR TRANSFERT D'ENERGIE SANS FIL**
[72] JEONG, SEONG HEON, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-03-21
[86] 2015-10-01 (PCT/US2015/053501)
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[25] EN
[54] **A HEAT RECOVERY UNIT AND POWER PLANT**
[54] **UNITE DE RECUPERATION DE CHALEUR ET CENTRALE ELECTRIQUE**
[72] STEVENSON, ERIC ROBERT, NL
[72] BERGMANS, STEPHAN CORNELIS GERARDUS, NL
[71] STORK THERMEQ B.V., NL
[85] 2017-03-22
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[54] **HEATED GLASS PANEL FOR ELECTROMAGNETIC SHIELDING**
[54] **VITRAGE CHAUFFANT ET DE BLINDAGE ELECTROMAGNETIQUE**
[72] TONDU, THOMAS, FR
[72] MAYEUX, JEAN-BENOIT, FR
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[72] UDUPI, POORNAPRAJNA, US
[72] MADAPPA, SHASHI, US
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[54] **PROCEDE DE TRANSMISSION DE SIGNAL D2D, ET APPAREIL CORRESPONDANT**
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[72] SEO, HANBYUL, KR
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[54] **COMPOSITES REVETUS D'AL2O3-CEO2/ZRO2 ET PROCEDE POUR LEUR PRODUCTION**
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[72] GUILLEN-HURTADO, NOELIA, ES
[72] HARNENING, THOMAS, DE
[72] NIEMEYER, DIRK, DE
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[54] **DISPOSITIF MICROFLUIDIQUE PERMETTANT LA PRODUCTION D'ECHANTILLONS COMBINATOIRES**
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[72] EICHER, DOMINIC, DE
[72] MERTEN, CHRISTOPH, DE
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[54] **DISPOSITIF DE FERMETURE A CROCHETS DANS CROCHETS A EFFET SENSORIEL**
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[72] MAHE, ANTHONY BERTRAND PATRICK, FR
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[72] PAGE, LORNA ELIZABETH, GB
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[54] **UTILISATION DE JUSTIFICATIFS D'IDENTITE STOCKES DANS DIFFERENTS REPERTOIRES POUR ACCEDER A UN POINT D'EXTREMITE COMMUN**
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[72] AUNG, LAWRENCE HUN-GI, US
[72] PANDYA, CHIRAG PRAVIN, US
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[71] O2 POOL THERMOCEAN, FR
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[54] **SYSTEME D'ECOULEMENT D'AIR DIVISE POUR UN SYSTEME POUR FUMER A CHAUFFAGE ELECTRIQUE ET PROCEDE DE GUIDAGE D'UN ECOULEMENT D'AIR A L'INTERIEUR D'UN SYSTEME POUR FUMER A CHAUFFAGE ELECTRIQUE**
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[72] MIRONOV, OLEG, CH
[72] ZINOVIK, IHAR NIKOLAEVICH, CH
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[54] **ENSEMBLE FACADE, STRUCTURE DE BATIMENT ET PROCEDE DE MONTAGE DE L'ENSEMBLE FACADE**
[72] SCHULZ-HANKE, WOLFGANG, DE
[72] SIMON, SEBASTIAN, DE
[72] MUNZENBERGER, HERBERT, DE
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[72] CHUNG, JOON HYUNG, US
[72] PAN, YUANCHENG CHRISTOPHER, US
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[54] **PROCEDE DE DECODAGE ET DECODEUR POUR L'AMELIORATION DE DIALOGUE**
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[72] GAUGER, DONALD, US
[72] GLOSSNER, WILLIAM, US
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[54] **MODULE D'ANALYSE D'INTERACTIONS D'UTILISATEURS**
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[72] DAVIS, COLLIN CHARLES, US
[72] HEINZ, GERARD JOSEPH, II, US
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[72] ANG, PETER PUI LOK, US
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] MUKKAVILLI, KRISHNA KIRAN, US
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[54] **PROCEDE DE TRANSCODAGE DE DONNEES VIDEO A FUSION D'UNITES DE CODAGE, PROGRAMME INFORMATIQUE, MODULE DE TRANSCODAGE ET EQUIPEMENT DE TELECOMMUNICATIONS ASSOCIES**
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[72] CAGNAZZO, MARCO, FR
[72] DUFAUX, FREDERIC, FR
[71] INSTITUT MINES TELECOM, FR
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[54] **PIPETTE DE PRELEVEMENT A BOUTON DE COMMANDE ERGONOMIQUE**
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[71] GILSON SAS, FR
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[54] **ECHANGE DE METADONNEES DE DISTRIBUTION DE CONTENU DANS DES SYSTEMES DE COMMUNICATIONS SANS FIL**
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[71] SPRINT COMMUNICATIONS COMPANY L.P., US
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[72] VANDERAH, RICHARD J., US
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[54] **CORPS NOIR DE NANOTUBE DE CARBONE AVANCE MULTICOUCHE POUR ETALONNAGE INFRAROUGE COMPACT, LEGER ET A LA DEMANDE**
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[72] RIEDEL, PETER, DE
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[54] **SYSTEMES ET PROCEDES PERMETTANT DE FORMER DES DECHETS BIOLOGIQUES NETTOYES PROVENANT DE DECHETS BIOLOGIQUES BRUTS**
[72] CARVAJO LUCENA, IGNACIO, ES
[72] VICENTE GARCIA, ANA ISABEL, ES
[72] MONTEJO MENDEZ, CRISTINA, ES
[72] MARTI MOSCAD, SANTIAGO, ES
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[72] KO, WOOSUK, KR
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[72] HONG, SUNGRYONG, KR
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[54] **DERIVATION DE PCMAX DANS UNE CONNECTIVITE DUALE**
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[72] KAZMI, MUHAMMAD, SE
[72] BERGLJUNG, CHRISTIAN, SE
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[54] **SYSTEME DE PUBLICITE DISTRIBUEE ET PROCEDE D'UTILISATION**
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[72] WINLEY, RICHARD A., III, US
[71] GUI GLOBAL PRODUCTS, LTD., US
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[54] **PROCEDES DE GESTION DE DISCONTINUITE DANS LA CONSTRUCTION D'ESPACE DE CONCEPTION DE MODELE DE SUBSURFACE FAILLEE A L'AIDE DE MOINDRES CARRES MOBILES**
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[72] WU, XIAOHUI, US
[72] BRANETS, LARISA V., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[72] SILKWOOD, DOUGLAS S., US
[72] ZEDLITZ, JASON, US
[72] BROWN, STEPHEN C., US
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[54] **ACTIVATION D'UTILISATION DE DEMANDES DE MAINTIEN DU SILENCE DANS UN DISPOSITIF DE COMMUNICATION EN CHAMP PROCHE**
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[71] QUALCOMM INCORPORATED, US
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[54] **SYSTEMES, PROCEDES ET APPAREILS POUR CONDENSATEURS D'ACCORD INTEGRES DANS UNE STRUCTURE DE BOBINE DE CHARGE**
[72] KEELING, NICHOLAS ATHOL, US
[72] KISSIN, MICHAEL LE GALLAIS, US
[72] BUDHIA, MICKEL BIPIN, US
[72] HUANG, CHANG-YU, US
[72] BEAVER, JONATHAN, US
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[54] **SYSTEMS AND METHODS FOR SYNCHRONIZATION WITHIN A NEIGHBORHOOD AWARE NETWORK**
[54] **SYSTEMES ET PROCEDES POUR UNE SYNCHRONISATION DANS UN RESEAU SENSIBLE AU VOISINAGE**
[72] ABRAHAM, SANTOSH PAUL, US
[72] RAISSINIA, ALIREZA, US
[72] CHERIAN, GEORGE, US
[72] PATIL, ABHISHEK PRAMOD, US
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[54] **PROCEDE DE COMMANDE ET DISPOSITIF D'AFFICHAGE AUTOSTEREOSCOPIQUE**
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[72] JOHNSON, MARK THOMAS, NL
[71] KONINKLIJKE PHILIPS N.V., NL
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[54] **BOUTEILLE EN PLASTIQUE COMPRESSIBLE POUR DISTRIBUTEURS D'EAU**
[72] COROCHER, CARLO, IT
[72] POLLINI, MICHELE, IT
[72] ZANETTE, DINO ENRICO, IT
[72] ZOPPAS, MATTEO, IT
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[54] **METHOD FOR PRODUCING AN ELASTOMERIC SKIN HAVING A GRAINED SURFACE**
[54] **PROCEDE DE PRODUCTION D'UNE PEAU ELASTOMERE PRESENTANT UNE SURFACE GRENUE**
[72] VANLUCHENE, YVAN, BE
[72] DE CLERCQ, YVAN, BE
[72] DE DONCKER, LINDA, BE
[71] RECTICEL AUTOMOBILSYSTEME GMBH, DE
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[54] **TETE DE BROSSE DE TOILETTAGE D'ANIMAUX A PEIGNE RETRACTABLE MANUELLEMENT**
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[71] SSERTSON GROUP, FR
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[54] **SYSTEMES ET PROCEDES D'ANALYSE DE RESEAU ET D'ETABLISSEMENT DE RAPPORT**
[72] RIEKE, MALCOLM, US
[71] CATBIRD NETWORKS, INC., US
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[54] **TRANSMISSION DE SIGNAL DE BANDE DE BASE NUMERIQUE AVEC ELIMINATION D'INTERFERENCES DE LIAISON MONTANTE DANS UN RESEAU OPTIQUE**
[72] MARICEVIC, ZORAN, US
[72] STONEBACK, DEAN, US
[72] SCHEMMANN, MARCEL F., NL
[72] VIEIRA, AMARILDO, US
[72] MUTALIK, VENKATESH G., US
[71] ARRIS ENTERPRISES LLC, US
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[54] **CAPACITE D'ATTRIBUTION D'UNE CONNEXION DE RESEAU AUX FLUX DE DONNEES EN SE BASANT SUR LE TYPE**
[72] SELLA, WILLIAM THOMAS, US
[72] CAPUTO, PETE JOSEPH II, US
[72] SELLA, JAMES MICHAEL, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
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[54] **INTERFACE ELECTRIQUE**
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[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[54] **DEVICE, METHOD AND PACKAGING MACHINE FOR PROCESSING A PACKAGING CONTAINER**
[54] **DISPOSITIF, PROCEDE ET MACHINE D'EMBALLAGE PERMETTANT DE TRAITER UN RECIPIENT D'EMBALLAGE**
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[71] ROBERT BOSCH GMBH, DE
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[54] **COMMUTATEUR ELECTRIQUE INTELLIGENT**
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[72] WOOTTON, JOHN, US
[72] NISSMAN, CHRIS, US
[72] MCKINNEY, JUSTIN, US
[71] IVANI, LLC, US
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[54] **RESEAU MAILLE CONFIGURABLE POUR SYSTEME DE COMMUTATION ELECTRIQUE**
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[72] NISSMAN, CHRISTOPHER, US
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[72] GUYARD, AURELIEN, CH
[72] KADIRIC, ALEN, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **DEVICE AND METHOD FOR RECOVERING A PRECIPITATED SOLID INORGANIC FINAL PRODUCT CONSISTING OF PHOSPHORUS, NITROGEN AND AN ELEMENT X**
[54] **DISPOSITIF ET PROCEDE DE RECUPERATION D'UN PRODUIT FINAL INORGANIQUE SOLIDE PRECIPITE CONSTITUE DE PHOSPHORE, D'AZOTE ET D'UN ELEMENT X**
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[72] MOLLES, GUILHEM, FR
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[54] **DISPOSITIF DE PRODUCTION D'UN PLASMA FROID A PRESSION ATMOSPHERIQUE**
[72] MAHRENHOLZ, CARSTEN, DE
[72] GURA, TOBIAS, DE
[72] BUSSIAHN, RENE, DE
[72] KRAFCZYK, STEPHAN, DE
[72] STIEBER, MANFRED, DE
[72] HORN, STEFAN, DE
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[72] WELTMANN, KLAUS-DIETER, DE
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[54] **PROCEDE ET APPAREIL DE FABRICATION D'UNE BANDE ONDULEE**
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[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **TOBACCO SACHET FOR USE IN A TOBACCO VAPORISER**
[54] **SACHET DE TABAC DESTINE A ETRE UTILISE DANS UN VAPORISATEUR DE TABAC**
[72] PIJNENBURG, JOHANNES PETRUS MARIA, CH
[72] FLORACK, DIONISIUS ELISABETH ANTONIUS, CH
[72] BRIFCANI, NOORI MOYAD, CH
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[54] **SUPPORT COMPRENANT DES GAMELLES POUVANT ETRE ACCROCHEES AU MUR POUR NOURRIR ET ABREUVER LES ANIMAUX**
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[71] BAMA S.P.A., IT
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[54] **SHEET PACKAGING MATERIAL FOR PRODUCING SEALED PACKAGES FOR POURABLE FOOD PRODUCTS**
[54] **MATERIAU D'EMBALLAGE EN FEUILLE POUR PRODUIRE DES EMBALLAGES SCELLES POUR DES PRODUITS ALIMENTAIRES POUVANT ETRE VERSES**
[72] BARBIERI, MARCELLO, IT
[72] PUTZER, SIEGRID, IT
[72] CEREDA, MASSIMILIANO, IT
[72] POPPI, MARCO, IT
[72] DE PIETRI TONELLI, ROBERTO, IT
[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
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[54] **ENSEMBLE CHAUFFAGE EN MODE CONTINU POUR SYSTEME DE PRODUCTION D'AEROSOL**
[72] SILVESTRINI, PATRICK CHARLES, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[25] EN
[54] **AEROSOL-GENERATING SYSTEM COMPRISING MOVEABLE CARTRIDGE**
[54] **SYSTEME DE GENERATION D'AEROSOL COMPRENANT UNE CARTOUCHE MOBILE**
[72] BATISTA, RUI NUNO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[25] EN
[54] **E-LIQUID COLLAPSIBLE CARTRIDGE**
[54] **CARTOUCHE COMPRESSIBLE DE LIQUIDE A VAPOTER**
[72] BATISTA, RUI NUNO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[25] EN
[54] **DEVICE FOR COMMINUTING ORE, COMPRISING A HYDRAULIC SPRING UNIT, AND ASSOCIATED METHOD**
[54] **DISPOSITIF DE CONCASSAGE DE MINERAI COMPORTANT UN DISPOSITIF RESSORT HYDRAULIQUE ET PROCEDE CORRESPONDANT**
[71] MICRO IMPACT MILL LIMITED, LI
[85] 2017-04-05
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[25] EN
[54] **SPLITTING OF THICK HARD-FOAM PLATES**
[54] **DECOUPAGE DE PLAQUES DE MOUSSES DURES EPAISSES**
[72] RICHTER, THOMAS, DE
[72] BERNHARD, KAY, DE
[72] BECKER, FLORIAN, DE
[72] GOLDMANN, FELIX, DE
[72] DENK, TIM, DE
[72] SCHMIDT, ULRICH, DE
[72] HEMPLER, MATHIAS, DE
[71] EVONIK ROHM GMBH, DE
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[25] EN
[54] **UTILITY TIMERS IN A FOOD FRESHNESS PRINTER**
[54] **TEMPORISATEURS D'ACCESSOIRES DANS UNE IMPRIMANTE DE FRAICHEUR D'ALIMENTS**
[72] MORROW, MARK S., US
[72] MCMULLER, GARY E., US
[72] LITMER, LAVERN C., US
[72] CHANDLER, DOUGLAS M., US
[71] AVERY DENNISON RETAIL INFORMATION SERVICES, LLC, US
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[25] EN
[54] **ATOMIZER NOZZLE**
[54] **BUSE DE PULVERISATION**
[72] PAAL, JOCHEN, DE
[71] SPRAYING SYSTEMS MANUFACTURING EUROPE GMBH, DE
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[25] EN
[54] **ANTENNA DEVICE FOR SHORT-RANGE APPLICATIONS AND USE OF SUCH AN ANTENNA DEVICE**
[54] **DISPOSITIF D'ANTENNE DESTINE A DES UTILISATIONS COURTE PORTEE ET UTILISATION D'UN TEL DISPOSITIF D'ANTENNE**
[72] KILIAN, DIETER, DE
[71] KILIAN, DIETER, DE
[85] 2017-04-06
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[25] EN
[54] **ACTIVE PART OF AN ELECTRIC MACHINE**
[54] **ELEMENT ACTIF D'UN MOTEUR ELECTRIQUE**
[72] BOGDAN, ZOLT, RS
[72] ILES, JANOS, RS
[72] LINDMEIER, ANDREAS, DE
[72] SCHONBAUER, NORBERT, DE
[72] VUKOVIC, MIRJANA, RS
[72] BRENNER, ROBIN, DE
[72] RATZISBERGER, DOMINIK, DE
[72] TERINGL, CLAUS, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-04-06
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[87] (WO2016/055366)
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[51] **Int.Cl. A24F 47/00 (2006.01) A61M 11/00 (2006.01)**
[25] EN
[54] **INHALATOR AND CARTRIDGE THEREOF**
[54] **INHALATEUR ET CARTOUCHE ASSOCIEE**
[72] AOUN, WALID ABI, GB
[72] ABRAMOV, OLEG JURIEVICH, GB
[72] NICHOLSON, GARY, GB
[72] FIRMIN, PAVEL, GB
[72] DIGARD, HELEN, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2017-04-06
[86] 2015-10-21 (PCT/EP2015/074395)
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[51] **Int.Cl. G02C 7/02 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING A LENS DESIGN OF AN OPTICAL LENS ADAPTED TO A WEARER**
[54] **PROCEDE DE DETERMINATION DE CONCEPTION DE LENTILLE D'UNE LENTILLE OPTIQUE ADAPTEE A UN PORTEUR**
[72] TRANVOUEZ, DELPHINE, FR
[72] POULAIN, ISABELLE, FR
[72] MARIN, GILDAS, FR
[72] CALIXTE, LAURENT, FR
[71] ESSILOR INTERNATIONAL(COMPAGNIE GENERALE D'OPTIQUE), FR
[85] 2017-04-07
[86] 2015-09-22 (PCT/EP2015/071796)
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[25] EN
[54] **SETTING DATA RATES IN A VIDEO CAMERA SYSTEM**
[54] **REGLAGE DU DEBIT DE DONNEES DANS UN SYSTEME DE CAMERAS VIDEO**
[72] HAUENSTEIN, THOMAS, DE
[72] SALOMAN, CHRISTOPHER, DE
[72] THIEME, WOLFGANG, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2017-04-07
[86] 2015-10-02 (PCT/EP2015/072827)
[87] (WO2016/055375)
[30] DE (10 2014 220 428.3) 2014-10-08

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[13] A1
[51] **Int.Cl. A61F 9/008 (2006.01) B23K 26/06 (2014.01) B23K 26/067 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR CUTTING A CORNEA OR A CRYSTALLINE LENS**
[54] **DISPOSITIF ET PROCEDE POUR LA DECOUPE D'UNE CORNEE OU D'UN CRISTALLIN**
[72] BERNARD, AURELIEN, FR
[72] GAIN, PHILIPPE, FR
[72] MAUCLAIR, CYRIL, FR
[72] THURET, GILLES, FR
[71] UNIVERSITE JEAN MONNET SAINT ETIENNE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2017-04-07
[86] 2015-10-07 (PCT/EP2015/073179)
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[30] FR (1459624) 2014-10-08

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[13] A1
[51] **Int.Cl. E02D 7/08 (2006.01) E02D 13/10 (2006.01)**
[25] EN
[54] **AN ARRANGEMENT FOR SUPPORTING A STEEL PILE IN AN IMPACT PILE DRIVING DEVICE, AN IMPACT PILE DRIVING DEVICE, AN IMPACT PILE DRIVING MACHINE, AND A METHOD FOR ARRANGING THE SUPPORTOF A STEEL PILE IN AN IMPACT PILE DRIVING DEVICE**
[54] **AGENCEMENT DESTINE A SUPPORTER UN PIEU EN ACIER DANS UN DISPOSITIF DE BATTAGE DE PIEUX A PERCUSSION, DISPOSITIF DE BATTAGE DE PIEUX A PERCUSSION, MACHINE DE BATTAGE DE PIEUX A PERCUSSION, ET PROCEDE DE MISE EN PLACE DU SUPPORT D'UN PIEU EN ACIER DANS UN DISPOSITIF DE BATTAGE DE PIEUX A PERCUSSION**
[72] KOFFERT, MARKKU, FI
[72] HEIKKINEN, TUOMO, FI
[71] JUNTTAN OY, FI
[85] 2017-04-07
[86] 2015-10-16 (PCT/FI2015/050703)
[87] (WO2016/059299)
[30] FI (20145911) 2014-10-17

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[13] A1
[51] **Int.Cl. A01M 7/00 (2006.01) A01B 73/04 (2006.01)**
[25] EN
[54] **ARTICULATED NOZZLE-HOLDER BOOM ARM FOR AGRICULTURAL SPRAYER**
[54] **BRAS DE FLECHE ARTICULE PORTE-BUSE POUR PULVERISATEUR AGRICOLE**
[72] RIBOTTA, ESTEBAN PABLO, AR
[72] CAMPAGNARO, FERNANDO GABRIEL, AR
[71] RIBOTTA, ESTEBAN PABLO, AR
[71] CAMPAGNARO, FERNANDO GABRIEL, AR
[85] 2017-04-07
[86] 2015-10-09 (PCT/EP2015/073380)
[87] (WO2016/058925)
[30] AR (P20140103839) 2014-10-16

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[51] **Int.Cl. B64C 25/50 (2006.01) B62D 5/08 (2006.01) B62D 5/087 (2006.01) F16K 11/07 (2006.01)**
[25] EN
[54] **NOSE WHEEL STEERING VALVE**
[54] **SOUPAPE D'ORIENTATION DE TRAIN AVANT**
[72] FORRESTER, RAYMOND ALVERO, JR., US
[71] NATIONAL MACHINE COMPANY, US
[85] 2017-04-07
[86] 2015-10-09 (PCT/US2015/054875)
[87] (WO2016/057888)
[30] US (62/061,852) 2014-10-09

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[51] **Int.Cl. B29C 49/04 (2006.01) B29C 49/42 (2006.01) B29C 49/44 (2006.01) B29C 49/50 (2006.01) B29C 49/60 (2006.01)**
[25] EN
[54] **METHOD AND EQUIPMENT FOR PRODUCTION OF A PINCH LINE FREE LINER**
[54] **PROCEDE ET APPAREILLAGE POUR LA PRODUCTION D'UN REVETEMENT INTERIEUR EXEMPT DE LIGNE DE PINCEMENT**
[72] GARDSRUD, HANS OYVIND, NO
[72] THEVENARD, PIERRE, NO
[71] HEXAGON RAUFOSS AS, NO
[85] 2017-04-10
[86] 2015-10-13 (PCT/EP2015/073647)
[87] (WO2016/059036)
[30] NO (20141228) 2014-10-14

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[13] A1
[51] **Int.Cl. A41B 11/12 (2006.01) A41B 11/00 (2006.01)**
[25] EN
[54] **A FOOTLET AS WELL AS A METHOD FOR PRODUCING SUCH A FOOTLET**
[54] **PROTEGE-BAS AINSI QUE PROCEDE DE FABRICATION D'UN TEL PROTEGE-BAS**
[72] VAN TIEL, CORNELIUS HENDRIKUS NICOLAAS, NL
[72] VAN TIEL, WILHELMUS JACOBUS CORNELIUS, NL
[71] STEPS HOLDING B.V., NL
[85] 2017-04-10
[86] 2015-10-06 (PCT/EP2015/073019)
[87] (WO2016/058864)
[30] NL (2013644) 2014-10-17

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[51] **Int.Cl. E05F 15/40 (2015.01) E05F 15/42 (2015.01) E05F 15/73 (2015.01) E05F 15/75 (2015.01)**
[25] EN
[54] **INTELLIGENT AUTOCLOSE DOOR**
[54] **PORTE A FERMETURE AUTOMATIQUE INTELLIGENTE**
[72] BOSTYN, FREDERIC, BE
[72] FAUQUETTE, CHARLES, BE
[72] VISEUR, BRUNO, BE
[71] ENTREMATIC BELGIUM NV, BE
[85] 2017-04-07
[86] 2015-10-16 (PCT/EP2015/074050)
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[30] BE (2014/5031) 2014-10-27

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[13] A1
[51] **Int.Cl. A01B 23/02 (2006.01) A01B 35/22 (2006.01)**
[25] EN
[54] **SOIL-WORKING TOOL**
[54] **OUTIL DE TRAVAIL DU SOL**
[72] SCHERF, SILVIO, DE
[72] POLSTER, JOACHIM, DE
[72] KRAMER, ULRICH, DE
[72] SEIFRIED, FABIAN, DE
[71] AMAZONEN-WERKE H. DREYER GMBH & CO. KG, DE
[71] BETEK GMBH & CO. KG, DE
[85] 2017-04-10
[86] 2015-10-20 (PCT/EP2015/074220)
[87] (WO2016/062694)
[30] DE (10 2014 115 209.3) 2014-10-20

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[13] A1
[51] **Int.Cl. B65C 3/06 (2006.01)**
[25] EN
[54] **PROCESS FOR FORMING A SLEEVE ON A CONTAINER**
[54] **PROCEDE POUR LA FORMATION D'UN MANCHON SUR UN RECIPIENT**
[72] GOUDY, ERIC SHAWN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-04-10
[86] 2015-10-21 (PCT/US2015/056648)
[87] (WO2016/064996)
[30] US (14/520,885) 2014-10-22

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[13] A1
[51] **Int.Cl. B65D 1/02 (2006.01)**
[25] EN
[54] **CONTAINER COMPRISING A SINGLE-PIECE HEAD SECTION**
[54] **RECIPIENT POURVU D'UN ELEMENT DE TETE D'UNE SEULE PIECE**
[72] HANSEN, BERND, DE
[71] KOCHER-PLASTIK MASCHINENBAU GMBH, DE
[85] 2017-04-11
[86] 2015-09-10 (PCT/EP2015/001823)
[87] (WO2016/066238)
[30] DE (10 2014 016 192.7) 2014-10-31
[30] CN (201420720014.6) 2014-11-26

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[13] A1
[51] **Int.Cl. G02B 6/42 (2006.01) G02B 26/10 (2006.01)**
[25] EN
[54] **OPTICAL BEAM SCANNER**
[54] **SCANNER A FAISCEAU OPTIQUE**
[72] MARGALLO BALBAS, EDUARDO, ES
[72] RUBIO GIVERNAU, JOSE LUIS, ES
[72] ZINOVIEV, KIRILL, RU
[71] MEDLUMICS S.L., ES
[85] 2017-04-11
[86] 2015-10-15 (PCT/EP2015/073926)
[87] (WO2016/059177)
[30] US (62/064,355) 2014-10-15
[30] US (14/882,291) 2015-10-13

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[13] A1
[51] **Int.Cl. H01R 13/516 (2006.01) H01R 13/506 (2006.01) H01R 27/02 (2006.01)**
[25] EN
[54] **DEVICE FOR SECURING ELECTRICAL CHARGING CABLES TOGETHER**
[54] **DISPOSITIF DE SOLIDARISATION DE CABLES DE RECHARGEMENT ELECTRIQUE**
[72] FROMENT, MARION, FR
[72] BLANC, OLIVIER, FR
[72] SOUBIRANE, ALAIN, FR
[71] INGENICO GROUP, FR
[85] 2017-04-11
[86] 2015-10-16 (PCT/EP2015/074059)
[87] (WO2016/059233)
[30] FR (1459999) 2014-10-17

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[51] **Int.Cl. A63C 13/00 (2006.01) A43C 15/06 (2006.01)**
[25] EN
[54] **SNOWSHOE**
[54] **RAQUETTE A NEIGE**
[72] BEHRENS, ROBERT ERWIN, IT
[72] LOCATELLI, MARCO, IT
[71] BEHRENS, ROBERT ERWIN, IT
[85] 2017-04-11
[86] 2015-10-15 (PCT/IB2015/057911)
[87] (WO2016/059581)
[30] IT (TO2014A000841) 2014-10-15

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[13] A1
[51] **Int.Cl. A01C 7/06 (2006.01) A01M 7/00 (2006.01) A01M 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DISPENSING SEEDS AND TREATMENT**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION DE SEMENCES, ET TRAITEMENT**
[72] NELSON, BRENT, US
[72] GALLE, PAUL, US
[71] GREAT PLAINS MANUFACTURING, INCORPORATED, US
[85] 2017-04-10
[86] 2015-10-16 (PCT/US2015/055985)
[87] (WO2016/061485)
[30] US (62/065,112) 2014-10-17

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[51] **Int.Cl. E04H 12/34 (2006.01) E04H 12/12 (2006.01) E04H 12/16 (2006.01) E04C 5/06 (2006.01)**
[25] EN
[54] **METHOD FOR INSTALLING A HOLLOW CONCRETE TOWER MADE FROM MORE THAN ONE SEGMENT AND CORRESPONDING HOLLOW CONCRETE TOWER**
[54] **PROCEDE D'INSTALLATION D'UNE TOUR CREUSE EN BETON CONSTITUEE DE PLUS D'UN SEGMENT ET TOUR CREUSE EN BETON CORRESPONDANTE**
[72] DIEZ CORNEJO, ALFONSO, ES
[71] BYO TOWERS, S.L., ES
[85] 2017-04-11
[86] 2015-09-25 (PCT/EP2015/072179)
[87] (WO2016/066345)
[30] EP (14382427.4) 2014-10-30

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[13] A1
[51] **Int.Cl. A01K 31/06 (2006.01) A01K 31/00 (2006.01) A01K 31/10 (2006.01)**
[25] EN
[54] **CONTAINER BASE, CONTAINER SEGMENT, CONTAINER COVER AND CONTAINER ASSEMBLY FOR HOLDING LIVE POULTRY AND METHOD FOR LOADING AND UNLOADING SUCH A CONTAINER ASSEMBLY**
[54] **BASE DE CONTENEUR, SEGMENT DE CONTENEUR, COUVERCLE DE CONTENEUR ET ENSEMBLE CONTENEUR POUR CONTENIR DE LA VOLAILLE VIVANTE, ET PROCEDE DE CHARGEMENT ET DE DECHARGEMENT D'UN TEL ENSEMBLE CONTENEUR**
[72] KROOT, MARCUS MARINUS GERARDUS, NL
[72] HALFMAN, MARC JOHAN, NL
[72] CLAESSENS, ROGER PIERRE HUBERTUS MARIA, NL
[72] HIDDINK, WILBERT, NL
[72] DE JONG, NICKY WILHELMUS JOHANNES HENDRIKUS, NL
[71] MAREL STORK POULTRY PROCESSING B.V, AN
[85] 2017-04-11
[86] 2015-10-21 (PCT/NL2015/050728)
[87] (WO2016/064270)
[30] NL (2013674) 2014-10-23
[30] NL (2014757) 2015-05-01

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[13] A1
[51] **Int.Cl. A01J 5/08 (2006.01)**
[25] EN
[54] **A TEATCUP**
[54] **GOBELET-TRAYEUR**
[72] APPELQUIST, JOHANNA, SE
[72] JOHANSSON, THOMAS, SE
[71] DELAVAL HOLDING AB, SE
[85] 2017-04-11
[86] 2015-12-14 (PCT/SE2015/051332)
[87] (WO2016/099384)
[30] SE (1451618-1) 2014-12-19

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[13] A1
[51] **Int.Cl. B65B 43/10 (2006.01) B65B 21/00 (2006.01) B65B 35/44 (2006.01) B65B 43/26 (2006.01) B65B 49/00 (2006.01) B65B 59/00 (2006.01) B65G 37/00 (2006.01)**
[25] EN
[54] **METHOD OF PROCESSING A PLURALITY OF ARTICLES THROUGH A PROCESSING SECTION OF A PACKAGING MACHINE AND METHOD OF RECONFIGURING A PROCESSING SECTION OF A PACKAGING MACHINE**
[54] **PROCEDE DE TRAITEMENT D'UNE PLURALITE D'ARTICLES PAR UNE SECTION DE TRAITEMENT D'UNE MACHINE D'EMBALLAGE ET PROCEDE DE RECONFIGURATION D'UNE SECTION DE TRAITEMENT D'UNE MACHINE D'EMBALLAGE**
[72] SHURTLEFF, DAVID J., US
[72] NELSON, PATRICK LEE, US
[72] KARDOK, DAVID A., US
[71] STANDARD KNAPP INC., US
[85] 2017-04-11
[86] 2015-10-26 (PCT/US2015/057331)
[87] (WO2016/069456)
[30] US (14/525,126) 2014-10-27

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[13] A1
[51] **Int.Cl. B65B 43/10 (2006.01) B65B 21/00 (2006.01) B65B 43/26 (2006.01) B65B 49/00 (2006.01) B65B 59/00 (2006.01) B65G 37/00 (2006.01)**
[25] EN
[54] **PROCESS SECTION OF A PACKAGING MACHINE**
[54] **SECTION DE TRAITEMENT D'UNE MACHINE D'EMBALLAGE**
[72] SHURTLEFF, DAVID J., US
[72] NELSON, PATRICK LEE, US
[72] KARDOK, DAVID A., US
[71] STANDARD KNAPP INC., US
[85] 2017-04-11
[86] 2015-10-26 (PCT/US2015/057334)
[87] (WO2016/069457)
[30] US (14/525,106) 2014-10-27

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[13] A1
[51] **Int.Cl. D21H 17/09 (2006.01) C08L 39/02 (2006.01) D21H 17/10 (2006.01) D21H 17/37 (2006.01) D21H 17/55 (2006.01) D21H 17/56 (2006.01) D21H 21/20 (2006.01) D21H 23/04 (2006.01)**
[25] EN
[54] **SOLIDIFYING COMPOSITION FOR PAPER AND CARDBOARD**
[54] **COMPOSITION DE DURCISSEMENT POUR PAPIER ET CARTON**
[72] HAEHNLE, HANS-JOACHIM, DE
[72] HAMERS, CHRISTOPH, DE
[72] ESSER, ANTON, DE
[72] SPANGE, STEFAN, DE
[72] TROMMLER, KATJA, DE
[72] WUERFEL, HENDRYK, DE
[72] SEIFERT, SUSAN, DE
[72] WALTHER, TINA, DE
[71] BASF SE, DE
[85] 2017-04-12
[86] 2015-08-14 (PCT/EP2015/068725)
[87] (WO2016/058730)
[30] EP (14188666.3) 2014-10-13

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[13] A1
[51] **Int.Cl. E04B 9/22 (2006.01) E04G 21/14 (2006.01)**
[25] EN
[54] **A SYSTEM TO MOUNT CEILING TILES IN A COMPLETELY CONCEALED GRID SYSTEM WHERE INDIVIDUAL TILE CAN BE MOUNTED OR DISMOUNTED**
[54] **SYSTEME DE MONTAGE DE DALLES DE PLAFOND DANS UN SYSTEME DE GRILLE ENTIEREMENT DISSIMULE OU DES DALLES INDIVIDUELLES PEUVENT ETRE MONTEES OU DEMONTEES**
[72] VANGALA, PATTABHI, IN
[71] VANGALA, PATTABHI, IN
[85] 2017-04-12
[86] 2015-11-11 (PCT/IN2015/000417)
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[54] **FERRURE DESTINEE A DES BOUTEILLES DE GAZ LIQUIDE ET PROCEDE DE REMPLISSAGE**
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[71] LPG SUISSE AG, CH
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[54] **FILLING STATION FOR GAS BOTTLES AND FILLING METHOD**
[54] **POSTE DE REMPLISSAGE POUR BOUTEILLES DE GAZ AINSI QUE PROCEDE DE REMPLISSAGE**
[72] TILHOF, ECKHARD, CH
[71] LPG SUISSE AG, CH
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[54] **SUPPORT ARM ASSEMBLY AND MILKING PARLOUR**
[54] **ENSEMBLE BRAS DE SUPPORT ET SALLE DE TRAITE**
[72] HAMERTON, LANCE, SE
[71] DELAVAL HOLDING AB, SE
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[54] **COMPOSITION CONDITIONNEE**
[72] SODD, VINCENT JOSEPH, US
[72] CORONA, ALESSANDRO, III, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[71] KEENE BUILDING PRODUCTS CO., INC., US
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[54] **POIGNEE DE BATON DE RANDONNEE**
[72] HEIM, EBERHARD, DE
[72] HOFER, MARCO, DE
[71] LEKISPORT AG, CH
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[54] **ECHAFAUDAGE EN BIOMATERIAU POUR REGENERATION DE LA MUQUEUSE ORALE**
[72] CASTRO FEO, BEGONA, ES
[72] BAIGET ORTS, AMPARO, ES
[71] HISTOCELL, S.L., ES
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[54] **TOWING APPARATUS FOR AGRICULTURAL MACHINES, OF THE TYPE OF BALERS, ROUND BALERS AND THE LIKE**
[54] **APPAREIL DE REMORQUAGE POUR MACHINES AGRICOLES, DU TYPE PRESSE A BALLES, PRESSE A BALLES RONDES, ET SIMILAIRES**
[72] FRASCELLA, COSIMO, IT
[71] KVERNELAND GROUP RAVENNA S.R.L., IT
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[54] **CHENILLETTE A FONCTIONNALITE AMELIOREE**
[72] CAMPI, ANDREA, IT
[71] DOSSO S.R.L., IT
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[54] **PROCEDE DE LUTTE CONTRE LE DEPOT DE MATIERES COLLANTES DANS LES PROCESSUS DE TRITURATION ET DE FABRICATION DU PAPIER**
[72] BLASING, BIRGIT, DE
[72] FRIDRISCHAK, SIEGMUND, DE
[72] NELLESSEN, BERNHARD, DE
[72] SCHENKER, ACHIM, DE
[71] NOPCO PAPER TECHNOLOGY GMBH, DD
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[54] **COLLIER DE SUPPORT DE PLANTE**
[72] TORRES CARPIO, JOSEP, ES
[71] A. RAYMOND ET CIE, FR
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[54] **FERMOIRS POUR UN CONTENANT, TEL QU'UN SAC OU UN ARTICLE EN CUIR**
[72] BIANCONI, LUDOVICA, IT
[71] LORO PIANA S.P.A., IT
[85] 2017-04-13
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[25] EN
[54] **FIXED LINE PIVOTING TRIMMER HEADS PIVOTING CONCEPTS**
[54] **CONCEPTS DE PIVOTEMENT DE TETES DE COUPE-BORDURES DE PIVOTEMENT A FIL FIXE**
[72] ALLISS, GEORGE E., US
[71] ALLISS, GEORGE E., US
[85] 2017-04-13
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[54] **OPPOSED HOOK SLIDING DOOR LOCK**
[54] **VERROU DE PORTE COULISSANTE A CROCHETS OPPOSES**
[72] TAGTOW, GARY E, US
[72] RAAP, DAN, US
[72] HAGEMEYER, BRUCE, US
[71] AMESBURY GROUP, INC., US
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[25] EN
[54] **MECHATRONIC SAFETY SYSTEM FOR AMUSEMENT RIDES, AND IN PARTICULAR ROLLER COASTERS, CAROUSELS, AND THE LIKE**
[54] **SYSTEME DE SECURITE MECATRONIQUE POUR MANEGES, EN PARTICULIER MONTAGNES RUSSES, CARROUSELS OU SIMILAIRES**
[72] BURGER, GUNTER, DE
[71] MACK RIDES GMBH & CO. KG, DE
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[25] EN
[54] **CONTAINER CONTAINING A NICOTINE SOLUTION**
[54] **RECIPIENT CONTENANT UNE SOLUTION A BASE DE NICOTINE**
[72] MCADAM, KEVIN GERARD, GB
[72] BRUTON, CONNOR, GB
[72] TRANI, MARINA, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2017-04-18
[86] 2015-11-06 (PCT/GB2015/053369)
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[54] **METHOD FOR DETERMINING AN EMISSION BEHAVIOUR**
[54] **PROCEDE POUR DETERMINER UN COMPORTEMENT D'EMISSIONS**
[72] HACKNEY, RICHARD, GB
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-04-18
[86] 2015-10-15 (PCT/EP2015/073830)
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[25] EN
[54] **MALE UNDERGARMENT SUITABLE FOR MULTIPLE WAIST SIZES**
[54] **SOUS-VETEMENT MASCULIN ADAPTE A DE MULTIPLES TOURS DE TAILLE**
[72] BLIBECH, RAGHEB, FR
[71] HANES OPERATIONS EUROPE SAS, FR
[85] 2017-04-18
[86] 2015-10-14 (PCT/IB2015/057888)
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[54] **SOLUTION COMPRISING NICOTINE IN UNPROTONATED FROM AND PROTONATED FORM**
[54] **SOLUTION CONTENANT DE LA NICOTINE SOUS UNE FORME NON PROTONEE ET SOUS UNE FORME PROTONEE**
[72] MCADAM, KEVIN GERARD, GB
[72] BRUTON, CONNOR, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2017-04-18
[86] 2015-11-06 (PCT/GB2015/053368)
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[54] **BRASSIERE ADAPTED FOR PRACTICING SPORTS**
[54] **SOUTIEN-GORGE PREVU POUR LA PRATIQUE DE SPORTS**
[72] GRAHAM WARD, DANIEL, GB
[72] EDWARD CUCKNELL, ALAN JOHN, GB
[72] SCADDING MOIR, ROBERT, GB
[72] MURPHY, MICHAEL, GB
[71] HANES OPERATIONS EUROPE SAS, FR
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[54] **SPORTS UNDERGARMENT INCLUDING A RESILIENT FABRIC CONTRIBUTING LEVELS OF COMPRESSION ADAPTED TO THE MUSCLE TISSUES**
[54] **SOUS-VETEMENT DE SPORT COMPRENANT UN TISSU ELASTIQUE CONTRIBUANT A DES NIVEAUX DE COMPRESSION ADAPTES AUX TISSUS MUSCULAIRES**
[72] BLIBECH, RAGHEB, FR
[71] HANES OPERATIONS EUROPE SAS, FR
[85] 2017-04-18
[86] 2015-10-14 (PCT/IB2015/057890)
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[54] **MULTIPLE DOCK STATION FOR PNEUMATIC TRANSPORT SYSTEM**
[54] **POSTE A QUAIS MULTIPLES POUR SYSTEME DE TRANSPORT PNEUMATIQUE**
[72] GROSS, DANIEL ROBERT, US
[72] PARISH, DAVID WARREN, US
[72] SERAFIN, DANIEL JOHN, US
[71] TRANSLOGIC CORPORATION, US
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[51] **Int.Cl. C08K 5/1515 (2006.01) C08J 3/18 (2006.01) C08L 27/06 (2006.01)**
[25] EN
[54] **PLASTICIZER COMPOSITIONS AND METHODS FOR MAKING PLASTICIZER COMPOSITIONS**
[54] **COMPOSITIONS DE PLASTIFIANT ET PROCEDES DE PREPARATION DE COMPOSITIONS DE PLASTIFIANT**
[72] GHOSH-DASTIDAR, ABHIJIT, US
[72] MUNDRA, MANISH, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-04-18
[86] 2015-10-14 (PCT/US2015/055482)
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[54] **SILICONE COMPOUNDS**
[54] **COMPOSES DE SILICONE**
[72] PANANDIKER, RAJAN KESHAV, US
[72] KLUESENER, BERNARD WILLIAM, US
[72] TRUJILLO, RAFAEL, US
[72] LIU, ZAIYOU, US
[72] LANGEVIN, REBECCA ANN, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **TRANSPARENT POLYOLEFIN FILM**
[54] **FILM EN POLYOLEFINE TRANSPARENT**
[72] HUTT, DETLEF, DE
[72] ROTH, MATHIAS, DE
[71] TREOFAN GERMANY GMBH & CO. KG, DE
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[25] FR
[54] **USE OF A COMPOSITE TEXTILE OF NATURAL AND/OR SYNTHETIC AND/OR ARTIFICIAL FIBRES AND LIGNOCELLULOSE PARTICLES FOR TRAPPING THE METALS AND/OR METALLOIDS AND/OR RADIONUCLIDES AND/OR BIOCIDES PRESENT IN WATER**
[54] **UTILISATION D'UN TEXTILE COMPOSITE DE FIBRES NATURELLES ET/OU SYNTHETIQUES ET/OU ARTIFICIELLES ET DE PARTICULES LIGNO-CELLULOSIQUES POUR PIEGER LES METAUX ET/OU LES METALLOIDES ET/OU LES RADIONUCLEIDES ET/OU LES BIOCIDES PRESENTS DANS L'EAU**
[72] JAUBERTY, LOIC, FR
[72] DEVOS, PHILIPPE, FR
[71] PE@RL, FR
[85] 2017-04-19
[86] 2015-10-20 (PCT/EP2015/074274)
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[30] FR (1460092) 2014-10-20

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[25] FR
[54] **COMPOSITE TEXTILE CONSISTING OF NATURAL AND/OR SYNTHETIC AND/OR ARTIFICIAL FIBRES AND LIGNOCELLULOSIC PARTICLES**
[54] **TEXTILE COMPOSITE DE FIBRES NATURELLES ET/OU SYNTHETIQUES ET/OU ARTIFICIELLES ET DE PARTICULES LIGNO-CELLULOSIQUES**
[72] JAUBERTY, LOIC, FR
[72] DEVOS, PHILIPPE, FR
[71] PE@RL, FR
[85] 2017-04-19
[86] 2015-10-20 (PCT/EP2015/074275)
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[51] **Int.Cl. H02G 11/00 (2006.01) H01B 7/04 (2006.01)**
[25] EN
[54] **ELECTRIC ENERGY TRANSMISSION TETHER FOR AN AIRBORNE WIND POWER STATION**
[54] **ATTACHE DE TRANSMISSION D'ENERGIE ELECTRIQUE POUR UNE CENTRALE EOLIENNE AEROPORTEE**
[72] NEUHOLD, STEFAN, CH
[71] NEUHOLD, STEFAN, CH
[85] 2017-04-19
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[25] EN
[54] **DOOR SYSTEM FOR AN ELEVATOR INSTALLATION**
[54] **SYSTEME DE PORTE D'ASCENSEUR**
[72] KUPPELWIESER, RALPH, CH
[72] LUTHI, ERNST, CH
[72] VONAESCH, JONAS, CH
[71] INVENTIO AG, CH
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[54] **SYSTEME DE PORTE D'ASCENSEUR**
[72] KUPPEL WIESER, RALPH, CH
[72] LUTHI, ERNST, CH
[72] VONAESCH, JONAS, CH
[71] INVENTIO AG, CH
[85] 2017-04-19
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[25] EN
[54] **AEROSOL GENERATING DEVICE**
[54] **DISPOSITIF DE GENERATION D'AEROSOL**
[72] ADAIR, KYLE, GB
[71] JT INTERNATIONAL S.A., CH
[85] 2017-04-19
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[25] EN
[54] **SUPPORT BELTS AND BUCKLING FOR SUPPORT BELTS**
[54] **CEINTURES DE SUPPORT ET BOUCLE POUR CEINTURES DE SUPPORT**
[72] BANKS, BENJAMIN, GB
[71] SBD APPAREL LTD, GB
[85] 2017-04-19
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[25] FR
[54] **METHOD OF GENERATING ELECTRICITY WITH A FUEL CELL; ASSOCIATED DEVICE**
[54] **PROCEDE DE PRODUCTION D'ELECTRICITE PAR UNE PILE A COMBUSTIBLE; DISPOSITIF ASSOCIE**
[72] GOUDON, JEAN-PHILIPPE, FR
[72] FOURNET, ARNAUD, FR
[72] YVART, PIERRE, FR
[72] GAUTIER, PHILIPPE, FR
[72] SOULIE, LAURENT, FR
[72] BOUDJEMA, FABIEN, FR
[71] AIRBUS SAFRAN LAUNCHERS SAS, FR
[71] SAFRAN POWER UNITS, FR
[85] 2017-04-19
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[51] **Int.Cl. B64F 5/23 (2017.01) G01N 1/18 (2006.01) G01N 1/20 (2006.01)**
[25] EN
[54] **METHOD OF SAMPLING DE-ICING FLUID AND SYSTEM FOR SAMPLING DE-ICING FLUID**
[54] **PROCEDE D'ECHANTILLONNAGE DE FLUIDE DE DEGIVRAGE, ET SYSTEME D'ECHANTILLONNAGE DE FLUIDE DE DEGIVRAGE**
[72] SVANEBJERG, ELO, DK
[72] VESTERGAARD, STEFAN, DK
[71] VESTERGAARD COMPANY A/S, DK
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[54] **STRUCTURES ET MONOLITHES DE GRANDE CAPACITE FORMES PAR IMPRESSION DE PATE**
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[72] SMITH, THOMAS M., US
[72] CUTLER, JOSHUA I., US
[72] WALP, JENNA L., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **CONDUIT DE REFROIDISSEMENT POUR MACHINE DE PREPARATION DE BOISSONS**
[72] MACKEY, STEVEN, US
[72] CHOPRA, PRANAV, IN
[72] GRUBB, SCOTT, GB
[72] FEDORKA, THOMAS, US
[72] GAO, QIAN, US
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[54] **CHAMBRE DE MELANGE POUR MACHINE A BOISSON**
[72] GORDON, JEREMY B., US
[72] O'NEILL, CHARLES EVAN, US
[72] HEMBER, MILES, GB
[72] BECKETT, TREVOR, GB
[72] DUTREMBLE, THOMAS PAUL, US
[72] MASADA, GWYNN, US
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[54] **PROCEDE ET APPAREIL DE REFROIDISSEMENT DE LIQUIDE DE BOISSON AVEC UN BLOC DE GLACE**
[72] MACKEY, STEVEN, US
[72] CHOPRA, PRANAV, IN
[72] GRUBB, SCOTT, GB
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[54] **SUPPORT DE CARTOUCHE POUR MACHINE DE PREPARATION DE BOISSONS**
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[72] FEDORKA, THOMAS, US
[72] DUTREMBLE, THOMAS PAUL, US
[72] MASADA, GWYNN, US
[72] RANGE, BRADFORD, US
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[54] **MACHINE A BOISSONS DOTEE D'UN REFROIDISSEUR THERMOELECTRIQUE, AGENCEMENT DE TUYAU CALORIFERE ET DISSIPATEUR THERMIQUE**
[72] MACKEY, STEVEN, US
[72] CHOPRA, PRANAV, IN
[72] GRUBB, SCOTT, GB
[72] FEDORKA, THOMAS, US
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[72] GORDON, JEREMY B., US
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[72] RAPHAELSON, STEVEN, US
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[72] ZIMMERMANN, KATJA, DE
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[54] **PROCEDE DE TRAITEMENT DE TUBERCULE ANTI-GERMINATION AVEC UNE QUANTITE REDUITE DE CIPC**
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[54] **COMPOSITIONS CIMENTAIRES PHOTOLUMINESCENTES A BASE DE LIANTS HYDRAULIQUES, PARTICULIEREMENT APPROPRIEES A UNE UTILISATION DANS DES SIGNALISATIONS DE SECURITE**
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[72] HEUKEN, MARIA, DE
[72] MARCZEWSKI, DAWID, DE
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[54] **FIBRES DE POLYPROPYLENE AMELIOREES, PROCEDES DE PRODUCTION DE CELLES-CI ET UTILISATIONS DE CELLES-CI POUR LA PRODUCTION DE PRODUITS EN FIBROCIMENT**
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[72] DE LHONEUX, BENOIT, BE
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[72] WALTER, HARALD, CH
[72] STAHL, RAINER, DE
[72] SPIESS, ROUVEN, CH
[72] STAUB, RENE, CH
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[71] OVD KINEGRAM AG, CH
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[72] ALBENGE, OLIVIER, FR
[72] DEBRAUWER, CHRISTELLE, FR
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[72] LOFSTEDT, JOAKIM, SE
[72] ORFBOM, ALEXANDER, SE
[72] DAHLSTRAND, CHRISTIAN, SE
[72] SAWADJOON, SUPAPORN, SE
[71] REN FUEL K2B AB, SE
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[54] **PROCEDE DE FABRICATION DE RECIPIENTS EN PET A REVETEMENT DE BARRIERE CONTRE LE DIOXYDE DE SILICIUM**
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[72] SCHNEIDER, MARK D., US
[71] GRAHAM PACKAGING COMPANY, L.P., US
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[54] **MATERIAUX THERMOCONDUCTEURS COMPOSITES A BLOCS D'OLEFINE**
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[72] CHAUDHARY, BHARAT I., US
[72] COGEN, JEFFREY M., US
[72] MARCHAND, GARY R., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **POLYMERES PRESENTANT UNE APTITUDE A LA MISE EN OEUVRE AMELIOREE POUR DES APPLICATIONS DE TUYAU**
[72] ROHATI, VIVEK, US
[72] INN, YONGWOO, US
[72] SUKHADIA, ASHISH M, US
[72] YANG, QING, US
[72] DESLAURIERS, PAUL J., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
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[54] **SYSTEME DE GARNITURE COMPRIME PAR UN GAZ POUR VANNES DE COMMANDE**
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[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **COMPOSITION A BASE DE POLY(ARYLENE ETHER CETONE) AYANT DES PROPRIETES AMELIOREES**
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[72] PASCAL, JEROME, FR
[71] ARKEMA FRANCE, FR
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[54] **MESURE ET REGULATION DE LA QUALITE D'UNE FLAMME EN TEMPS REEL**
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[71] LUMASENSE TECHNOLOGIES HOLDINGS, INC., US
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[54] **DISPOSITIF D'USINAGE VIBRATOIRE AMELIORE**
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[72] MORARU, GEORGE, FR
[71] CENTRE TECHNIQUE DES INDUSTRIES MECANIQUES, FR
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[54] **ECHANGEUR DE CHALEUR ET TURBOMOTEUR COMPORTANT UN TEL ECHANGEUR**
[72] AOUIZERATE, GILLES YVES, FR
[72] BOUDSOCQ, BENJAMIN, FR
[72] GAUTHIER, GERARD PHILIPPE, FR
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[54] **PROCEDE ET APPAREIL POUR L'ELIMINATION PARTIELLE DE CONTAMINANTS D'UN FLUX DE GAZ DE TRANSFORMATION**
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[71] LINDE AKTIENGESELLSCHAFT, DE
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[54] **PROCEDE ENZYMATIQUE COMBINE A UNE EXTRACTION CAUSTIQUE A CHAUD POUR L'ELIMINATION D'HEMICELLULOSES DE LA PATE A PAPIER**
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[72] LOUREIRO, PEDRO EMANUEL GARCIA, DK
[72] STAVIK, JAROSLAV, CA
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[72] BERGIN, NIAMH, IE
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[54] **PROCEDE DE FABRICATION D'UN MATERIAU DE CONSTRUCTION PREFABRIQUE**
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[72] JAHNS, EKKEHARD, DE
[72] SCHINABECK, MICHAEL, DE
[72] PICHLER, MARTIN, DE
[72] PEKMEZCI, MEHMET AKIF, TR
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[54] **CONTENANT, TEL QU'UN SAC OU UN ARTICLE EN CUIR, COMPRENANT UN FERMOIR**
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[72] MERLE, GREGORY, FR
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[54] **CYLINDRE RECEPTEUR MAINTENANT UNE SOUPAPE AVEC UNE REGULATION DE PRESSION AMELIOREE**
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[72] HUBER, HOWARD E. JR., US
[72] GRAVES, BRIAN, US
[71] NEW YORK AIR BRAKE LLC, US
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[54] **COUPLER FOR COUPLING A SUBSTANTIALLY ELONGATED BELT PORTION, COUPLER ASSEMBLY AND COUPLING METHOD**
[54] **DISPOSITIF D'ACCOUPLEMENT PERMETTANT D'ACCOUPLER UNE PARTIE DE SANGLE SENSIBLEMENT ALLONGEE, ENSEMBLE DISPOSITIF D'ACCOUPLEMENT ET PROCEDE D'ACCOUPLEMENT**
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[54] **ADAPTATEUR DE GRILLE D'EVACUATION POUR MELANGEUR DE SUSPENSION DE GEOMETRIE DE SECTION TRANSVERSALE TRANSITOIRE**
[72] BROWN, STANLEY C., US
[72] JOHNSON, STEVEN, US
[72] SHUMWAY, CHRISTOPHER, US
[72] PARKER, PHILLIP, US
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[54] **COMPOSITION D'ASPHALTE COMPRENANT DE FINES PARTICULES PROVENANT DE LA RECUPERATION DE BITUME**
[72] KRIZ, PAVEL, CA
[72] GRANT, DANIEL, CA
[72] BROWNIE, JOHN, CA
[72] GALE, MARY J., CA
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **FILM MULTICOUCHE ET MATERIAUX ET PROCEDES ASSOCIES**
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[72] LIN, YIJIAN, US
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[54] **COMPOSITION DE MOUSSE DE POLYURETHANE MONOCOMPOSANT A PULVERISER CLASSEE B2 POUR OUVERTURES ET FENETRES**
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[72] MASSUEGER, LARS, CH
[72] BOEHM, CAROLIN, DE
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[54] **DISPOSITIF D'ISOLATION ANNULAIRE POUR FORAGE SOUS PRESSION CONTROLEE**
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[72] REYNA, MARIO M., US
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[54] **FOUR DE CUISSON A LA VAPEUR A SONDE THERMIQUE SITUEE DANS LA COLONNE DE VENTILATION ET PROCEDE DE REGULATION DE LA PRODUCTION DE VAPEUR**
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[72] FROCK, JEFFREY L., US
[72] SAKSENA, ATUL, US
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[54] **UTILISATION DE DONNEES DE PRESSION EN TEMPS REEL POUR EVALUER DES PERFORMANCES DE FRACTURATION**
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[71] BAKER HUGHES INCORPORATED, US
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[54] **VESSEL HULL FOR USE AS A HULL OF A FLOATING HYDROCARBON STORAGE AND/OR PROCESSING PLANT, METHOD FOR PRODUCING SUCH A VESSEL HULL, VESSEL COMPRISING SUCH A VESSEL HULL, AS WELL METHOD FOR PRODUCING SUCH A VESSEL HAVING SUCH A VESSEL HULL**
[54] **COQUE DE NAVIRE POUR UNE UTILISATION EN TANT QUE COQUE D'UNE INSTALLATION DE STOCKAGE ET/OU DE TRAITEMENT D'HYDROCARBURE, PROCEDE DE PRODUCTION D'UNE TELLE COQUE DE NAVIRE, NAVIRECOMPRENANT UNE TELLE COQUE DE NAVIR E, AINSI QUE PROCEDE DE PRODUCTION D'UN TEL NAVIRE AYANT UNE TELLE COQUE DE NAVIRE**
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[54] **PROCEDE PERMETTANT DE REDUIRE AU MINIMUM LE COUT DE PRODUCTION GLOBAL DE PRODUITS METALLIQUES LONGS ET INSTALLATION DE PRODUCTION FONCTIONNANT SELON UN TEL PROCEDE**
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[54] **PROCEDE DE PREVISION DES PERFORMANCES D'UNE TURBOMACHINE**
[72] KRISHNABABU, SENTHIL, GB
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **DISPOSITIF DE DECOUPE AU JET D'EAU**
[72] LOHRMANN, MICHAEL, DE
[72] KATHER, DANIEL, DE
[72] MULLER, MALTE, DE
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[54] **COMPOSITIONS ET PEPTIDES AYANT UNE ACTIVITE AGONISTE DOUBLE POUR GLP-1R ET GLP-2R**
[72] PEDERSEN, SOREN LJUNGBERG, DK
[72] WITTELOOSTUJN, SOREN BLOK VAN, DK
[72] KONGSBAK-WISMANN, PERNILLE, DK
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[54] **PROCEDE DE PREPARATION DE NANOPARTICULES POLYMERES A UNE SEULE CHAINE DISPERSIBLES DANS L'EAU**
[72] AIERTZA OTXOTORENA, MIREN KARMELE, ES
[72] SANCHEZ ABELLA, LAURA, ES
[72] BENITO COLLADO, ANA BELEN, ES
[72] LOINAZ BORDONABE, IRAIDA, ES
[72] CABANERO, GERMAN, ES
[72] GRANDE, HANS-JURGEN, ES
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[25] EN
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[54] **ARTICLE A FUMER COMPRENANT UNE SOURCE DE CHALEUR CARBONEE COMBUSTIBLE ALLUMABLE PAR FROTTEMENT**
[72] BATISTA, RUI NUNO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **PLAQUE BIPOLAIRE POUR CELLULES ELECTROCHIMIQUES ET SON PROCEDE DE PRODUCTION**
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[72] LEHNERT, WERNER, DE
[72] REIMER, UWE, DE
[71] FORSCHUNGSZENTRUM JULICH GMBH, DE
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[54] **SYSTEME DE MISE A L'EAU ET DE RECUPERATION D'ENGIN MARIN ET SOUS-MARIN ASSISTE PAR DES PROTECTIONS INCLINABLES**
[54] **SYSTEM FOR LAUNCHING AND RECOVERING MARINE AND SUBMARINE DEVICES ASSISTED BY TILTABLE PROTECTIVE COMPONENTS**
[72] JOURDAN, MICHAEL, FR
[72] TOM, ALBERT, FR
[71] THALES, FR
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[72] GEORGE, WAYNE N., GB
[72] RICHEZ, ALEXANDRE, GB
[72] DINGWALL, ANNE-CECILE, GB
[72] VON HATTEN, XAVIER, GB
[71] ILLUMINA CAMBRIDGE LIMITED, GB
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[54] **EMBALLAGE FAISANT OFFICE D'ETEIGNOIR POUR UN ARTICLE A FUMER**
[72] WANNER, PIERRE, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **METHOD FOR INDUCTION BEND FORMING A COMPRESSION-RESISTANT PIPE HAVING A LARGE WALL THICKNESS AND A LARGE DIAMETER**
[54] **PROCEDE DE CINTRAGE PAR INDUCTION D'UN TUBE RESISTANT A LA PRESSION DE GRANDE EPAISSEUR DE PAROI ET DE GRAND DIAMETRE**
[72] SCHAFER, AUGUST WILHELM, DE
[71] AWS SCHAFER TECHNOLOGIE GMBH, DE
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[54] **ENGIN SOUS-MARIN A PORTANCE VARIABLE SELON LE MODE DE NAVIGATION**
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[72] BOREL, CHRISTOPHE, FR
[72] BRUNET, JEAN-PHILIPPE, FR
[71] THALES, FR
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[54] **PROCEDE DE RECUPERATION D'OR**
[72] LUNDSTROM, MARI, FI
[72] O'CALLAGHAN, JOHN, AU
[72] HAAKANA, TIMO, FI
[72] AHTIAINEN, RIINA, FI
[72] KARONEN, JANNE, FI
[71] OUTOTEC (FINLAND) OY, FI
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[54] **ASSEMBLY OF A TINTOMETRIC MACHINE AND A TROLLEY**
[54] **ENSEMBLE MACHINE TINTOMETRIQUE ET CHARIOT**
[72] DROCCO, LUCA, IT
[72] DROCCO, MARIO, IT
[71] DROCCO, LUCA, IT
[71] DROCCO, MARIO, IT
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[54] **ENSEMBLE ELECTROPNEUMATIQUE, EN PARTICULIER POUR UNE INSTALLATION DE FREINAGE PNEUMATIQUE SUR DES VEHICULES DE CHEMINS DE FER**
[72] TIONE, ROBERTO, IT
[72] CAVAZZIN, ANDREA, IT
[72] GRASSO, ANGELO, IT
[71] FAIVELEY TRANSPORT ITALIA S.P.A., IT
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[54] **OPENABLE TINTOMETRIC MACHINE**
[54] **MACHINE TINTOMETRIQUE OUVRABLE**
[72] DROCCO, LUCA, IT
[72] DROCCO, MARIO, IT
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[54] **DEVICE FOR THE FILLING AND/OR CLOSING OF CONTAINERS HAVING A DRIVE SHAFT DECONTAMINATION BOX**
[54] **DISPOSITIF POUR LE REMPLISSAGE ET/OU LA FERMETURE DE CONTENANTS COMPRENANT UNE BOITE DE DECONTAMINATION D'ARBRE DE TRANSMISSION**
[72] KRAKERS, BERNARDUS ANTONIUS JOHANNES, NL
[71] JBT B&BS B.V., NL
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[54] **TAB SWEEPING AND GROUPING**
[54] **BALAYAGE ET GROUPEMENT D'ONGLETS**
[72] BARRUS, ADAM E., US
[72] CHUCHRO, PAULA J., US
[72] MCDERMOTT, LAURA J., US
[72] ZELLER, ROSE E., US
[72] YALOVSKY, MARK, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **APPLICATION COMMAND CONTROL FOR SMALL SCREEN DISPLAY**
[54] **COMMANDE D'INSTRUCTION D'APPLICATION POUR UN AFFICHAGE SUR PETIT ECRAN**
[72] SETO, JULIE, US
[72] RODRIG, MAYA, US
[72] RISCUTIA, VLAD, US
[72] BELL, JON, US
[72] STEPANICH, DARRON, US
[72] GIL, EREZ KIKIN, US
[72] SNOOK, DEREK, US
[72] ZHANG, HONGRUI, US
[72] SHAW, HAN-YI, US
[72] VOGEL, MATTHEW, US
[72] BEBAWY, RAMY, US
[72] RAMAN, SUNDER, US
[72] HOOI, CHOON-MUN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **ONGLETS CONTEXTUELS DANS DES RUBANS MOBILES**
[72] SHAW, HAN-YI, US
[72] LIVDAHL, CHRIS R., US
[72] SNOOK, DEREK V., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **INTERFACE DE DERIVATION PERCUTANEE**
[72] CALDERON, JOSEPH, US
[72] HILLERY, EDWARD, US
[72] LOCKHART, JOSEPH, US
[71] THE ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH, US
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[54] **TAB BASED BROWSER CONTENT SHARING**
[54] **PARTAGE D'UN CONTENU DE NAVIGATEUR BASE SUR UN ONGLET**
[72] PATTEN, MICHAEL J., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-04-24
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[54] **ARTICULATION A PIVOTS MULTIPLES**
[72] CAMPBELL, JOHN, US
[72] BITZ, BRIAN, US
[72] TAZBAZ, ERROL MARK, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **CO-INJECTION NOZZLE COMPRISING INTEGRATED BACK-FLOW BARRIER**
[54] **BUSE DE CO-INJECTION A CLAPET ANTI-RETOUR INTEGRE**
[72] MUHLEMANN, ROLF, CH
[71] FOSTAG FORMENBAU AG, CH
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[54] **CO-INJECTION NOZZLE FOR AN INJECTION MOULDING DEVICE FOR PRODUCING MULTI-LAYERED INJECTION-MOULDED PRODUCTS**
[54] **BUSE DE CO-INJECTION POUR UN DISPOSITIF DE MOULAGE PAR INJECTION SERVANT A FABRIQUER DES PRODUITS MOULES PAR INJECTION MULTICOUCHES**
[72] MUHLEMANN, ROLF, CH
[71] FOSTAG FORMENBAU AG, CH
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[54] **METHOD FOR ARTIFICIALLY ERODING DAMMED BODIES OF WATER**
[54] **PROCEDE D'EROSION ARTIFICIELLE DE BASSINS DE RETENUE**
[72] BARTELT, DIETRICH, DE
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[54] **SYSTEM AND METHOD FOR TIMING INPUT SENSING, RENDERING, AND DISPLAY TO MINIMIZE LATENCY**
[54] **SYSTEME ET PROCEDE DE SYNCHRONISATION DE DETECTION D'ENTREE, DE RENDU ET D'AFFICHAGE POUR REDUIRE AU MAXIMUM LA LATENCE**
[72] RODRIGUES DE ARAUJO, BRUNO, CA
[72] COSTA, RICARDO JORGE JOTA, CA
[72] FORLINES, CLIFTON, CA
[71] TACTUAL LABS CO., US
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[54] **ALLIAGES D'ALUMINIUM FORGES DE SERIE 6XXX A RESISTANCE ULTRA-ELEVEE**
[72] SKUBICH, ALEXIS, CH
[72] JARRETT, MARTIN, GB
[72] BERTHERAT, MARC, CH
[71] CONSTELLIUM VALAIS SA (LTD), CH
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[54] **IMPROVED ACCESS CONTROL USING PORTABLE ELECTRONIC DEVICES**
[54] **CONTROLE D'ACCES AMELIORE A L'AIDE DE DISPOSITIFS ELECTRONIQUES PORTABLES**
[72] TROESCH, FLORIAN, CH
[72] FRIEDLI, PAUL, CH
[71] INVENTIO AG, CH
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[54] **COMPOSITION D'ENCRE**
[72] VAN HOUT, RICHARD F.E., NL
[72] VAN HAMEREN, RICHARD, NL
[71] OCE-TECHNOLOGIES B.V., NL
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[54] **NEUROMODULATION DEVICE**
[54] **DISPOSITIF DE NEUROMODULATION**
[72] VILARES SANTOS CONDE, SILVIA MARGARIDA, PT
[72] JOHN CHEW, DANIEL, GB
[72] KRISTOFFER FAMM, HANS JAKOB, GB
[72] SUCENA GUARINO, MARIA PEDRO, PT
[72] HOLINSKI, BRAD, GB
[72] PATEL, SONAL, GB
[71] GALVANI BIOELECTRONICS LIMITED, GB
[71] FACULDADE DE CIENCIAS MEDICAS DA UNIVERSIDADA NOVA DE LISBOA, PT
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[54] **ACCES MEMOIRE PAR SYSTEMES A PROCESSEUR DOUBLE**
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[71] QUALCOMM TECHNOLOGIES INTERNATIONAL, LTD., GB
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[54] **IN-CASINO MOBILE GAMING**
[54] **JEU SUR MOBILE DANS UN CASINO**
[72] PRICE, MELISSA, US
[72] PENA, SADAF, US
[71] CAESARS ENTERTAINMENT OPERATING COMPANY, INC., US
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[54] **COMPRESSED GAS CONTAINER**
[54] **BOUTEILLE DE GAZ COMPRIME**
[72] PEGEL, SVEN, DE
[72] EISENER, RAFAEL, DE
[71] DAIMLER AG, DE
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[54] **GASKET, APPARATUS INCORPORATING SAME AND METHOD**
[54] **JOINT D'ETANCHEITE, APPAREIL COMPRENANT CE DERNIER ET PROCEDE**
[72] SHANNON, GARY MARTIN, GB
[72] NAYLOR, ALAN ROBERT, GB
[72] DEVINE, MARTIN JOHN, GB
[71] INEOS TECHNOLOGIES SA, CH
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[54] **CHASSIS DE SIEGE AVEC UNE ASSISE POSITIONNABLE EN HAUTEUR**
[72] MACKERT, MICHAEL, DE
[71] INNOTEC MOTION GMBH, DE
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[54] **DISPOSITIFS ET PROCEDES A UTILISER AVEC DES VETEMENTS DE SURVEILLANCE PHYSIOLOGIQUE**
[72] ALIVERTI, ANDREA, LU
[72] LONGINOTTI-BUITONI, GIANLUIGI, LU
[71] L.I.F.E. CORPORATION S.A., LU
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[54] **PLANIFICATION DE RADIOTHERAPIE DIRIGEE PAR UN MEDECIN**
[72] CARPENTER, COLIN MOREHOUSE, US
[72] DAVIDI, RAN, US
[72] PATTISON, ADAM J., US
[71] SIRIS MEDICAL, INC., US
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[54] **GEL DISPENSER FOR ELECTRODES**
[54] **DISTRIBUTEUR DE GEL POUR ELECTRODES**
[72] LAMPO, PIERRE-YVES, US
[71] EMPI, INC., US
[85] 2017-04-26
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[25] EN
[54] **EPOXY GROUP-CONTAINING ETHYLENE-VINYL ACETATE COPOLYMERS**
[54] **COMPOSITIONS VULCANISABLES CONTENANT DES COPOLYMERES D'ETHYLENE-ACETATE DE VINYLE CONTENANT DES GROUPES EPOXY**
[72] TASCHNER, FRANK, DE
[72] LIEBER, SUSANNA, DE
[72] FRENZEL, ULRICH, DE
[72] KALKOFEN, RAINER, DE
[72] ARNOLDI, ERIC, DE
[72] ROOS, ANDREAS, DE
[71] ARLANXEO DEUTSCHLAND GMBH, DE
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[71] GKINETIC ENERGY LIMITED, IE
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[54] **SYSTEME ET PROCEDE POUR REALISER DES COMMANDES DE COMMERCE ELECTRONIQUE A PARTIR D'UNE HIERARCHIE DE CENTRES DE GESTION DES COMMANDES**
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[72] WADDILOVE, JAMES, GB
[72] INGRAM-TEDD, ANDY, GB
[72] STEINER, TIMOTHY DEIGHTON, GB
[71] OCADO INNOVATION LIMITED, GB
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[54] **PANIER PERMETTANT LE STOCKAGE TEMPORAIRE DE DECHETS ORGANIQUES TELS QUE DES DECHETS DE CUISINE**
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[72] VANDERLINDEN, ERIK, BE
[71] THE COMPOST BAG COMPANY, BE
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[54] **PROCEDES D'UTILISATION DE FORMULATIONS DE VACCIN PAR MICRO-AIGUILLES POUR ELICITER UNE IMMUNITE DE PROTECTION CONTRE LE VIRUS DE LA RAGE CHEZ LES ANIMAUX**
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[72] PRAUSNITZ, MARK R., US
[72] DEWITT, KRISTOPHER DANIEL, US
[72] ARYA, JAYA, US
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[72] NELSON, DONALD, JR., US
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[72] DAILEY, SCOTT, US
[72] KONECNY, ROBERT, US
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[54] **SYSTEME DE STIMULATION NERVEUSE NON INVASIF**
[72] SCHEPIS, ERIC ANTHONY, US
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[71] AVENT, INC., US
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[71] DM SYSTEMS INC., US
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[54] **CABLE D'ALIMENTATION/DE TELECOMMUNICATION AERIEN AUTOPORTEUR**
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[72] SONMEZ, BARIS, IT
[72] DAVIES, MARTIN VINCENT, IT
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[54] **SYSTEME DE MOULE POUR AME DE CISAILLEMENT COMPORTANT DES PLAQUES DE MOULAGE VARIABLES**
[72] PEDERSEN, STEVEN HAUGE, DK
[72] RASMUSSEN, KIM ANSHOLM, DK
[71] LM WP PATENT HOLDING A/S, DK
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[72] SPRACHMANN, GERALD, NL
[72] VAN MOSSEL, GERARDUS ANTONIUS FRANCISCUS, NL
[72] DATHE, HENDRIK, NL
[72] PROELL, TOBIAS, AT
[72] SCHONY, GERHARD, AT
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[72] MOFFETT, ROBERT, IE
[72] WHYTE, MARK, IE
[71] COMBILIFT, IE
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[54] **DEVICE FOR INSERTING A REFRACTORY BLOCK INTO A TAPHOLE STRUCTURE OF A METALLURGICAL VESSEL, IN PARTICULAR A BASIC OXYGEN FURNACE, AND A METHOD FOR AN AUTOMATIC SUPPLY OF THE REFRACTORY**
[54] **DISPOSITIF D'INSERTION D'UN BLOC REFRACTAIRE DANS UNE STRUCTURE DE TROU DE COULEE D'UNE CUVE METALLURGIQUE, EN PARTICULIER UN CONVERTISSEUR A OXYGENE, ET PROCEDE D'ALIMENTATION AUTOMATIQUE DU REFRACTAIRE**
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[71] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
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[54] **FABRICATION D'UNE BANDE DE CISAILLEMENT EN FORME DE I**
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[72] JESPERSEN, KLAVS, DK
[72] HAUGE PEDERSEN, STEVEN, DK
[72] NIELSEN, MICHAEL WENANI, DK
[71] LM WP PATENT HOLDING A/S, DK
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[54] **PALE D'EOLIENNE DOTEE D'UN DISPOSITIF MONTE EN SURFACE**
[72] LEHMANN MADSEN, KRISTIAN, DK
[72] HOEG, JESPER, DK
[72] ANSHOLM RASMUSSEN, KIM, DK
[72] KILDEGAARD, CASPER, DK
[72] LAURSEN, JENS ULRICH, DK
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[54] **PROCEDE DE TRAITEMENT ULTERIEUR D'UNE STRUCTURE DE SURFACE DU MATERIAU D'UNE CAGE D'ASCENSEUR**
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[71] INVENTIO AG, CH
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[72] SCHATTE, MARTIN, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] REACTION MONOTOPE ENZYMATIQUE POUR LA DOUBLE CONJUGAISON DE POLYPEPTIDES EN UNE SEULE ETAPE A L'AIDE D'UNE SORTASE
[72] HEINDL, DIETER, DE
[72] KOPETZKI, ERHARD, DE
[72] TIEFENTHALER, GEORG, DE
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[72] VIND, JESPER, DK
[71] NOVOZYMES A/S, DK
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[54] DISPOSITIF ET PROCEDE D'ENREGISTREMENT D'UN DOCUMENT PRESENTANT UN MARQUAGE ET TAMPON POUR REALISER UN TEL MARQUAGE
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[54] PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN AGITATEUR ET UN FERMENTEUR
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[71] UTS BIOGASTECHNIK GMBH, DE
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[72] BOZOVICH, BRUCE E., US
[71] RAYTHEON COMPANY, US
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[72] MARTIN, RYAN L., US
[72] SCHROEDER, JUSTIN G., US
[71] ROUSH ENTERPRISES, INC., US
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[54] **HEIGHT-ADJUSTMENT DEVICE AND METHOD FOR OPERATING AN AGITATING DEVICE**
[54] **DISPOSITIF DE REGLAGE EN HAUTEUR ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN AGITATEUR**
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[72] BIERER, JOHANN, DE
[71] UTS BIOGASTECHNIK GMBH, DE
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[54] **TETE D'EXTRUSION MULTIPLE**
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[54] **COLLECTOR FOR FROTH FLOTATION OF CLAY MINERALS FROM POTASH ORES**
[54] **COLLECTEUR POUR LA FLOTTATION PAR MOUSSAGE DE MINERAUX ARGILEUX A PARTIR DE MINERAIS DE POTASSE**
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[25] EN
[54] **METHODS FOR GENERATING BISPECIFIC SHARK VARIABLE ANTIBODY DOMAINS AND USE THEREOF**
[54] **PROCEDES DE GENERATION DE DOMAINES D'ANTICORPS VARIABLES BISPECIFIQUES DE REQUIN ET LEUR UTILISATION**
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[72] HOCK, BJOERN, DE
[72] ZIELONKA, STEFAN, DE
[72] KOLMAR, HARALD, DE
[72] EMPTING, MARTIN, DE
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[54] **IMPLEMENTATION EN BOITE BLANCHE DURCIE 1**
[72] DREXLER, HERMANN, DE
[72] BAUER, SVEN, DE
[72] PULKUS, JURGEN, DE
[71] GIESECKE & DEVRIENT GMBH, DE
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[25] EN
[54] **COMPOSITION FOR POLYMERIC CHAIN EXTENSION**
[54] **COMPOSITION POUR ALLONGEMENT DE CHAINE POLYMERE**
[72] WOLF, JURGEN, DE
[72] WARTIG, KAREN-ALESSA, DE
[72] VAN DEN ABBEELE, TIM, DE
[72] LUNSTADEN, TIM, DE
[71] CLARIANT PLASTICS & COATINGS LTD, CH
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[51] **Int.Cl. A23C 1/12 (2006.01) B01D 9/00 (2006.01) C07H 1/06 (2006.01)**
[25] EN
[54] **METHOD OF CRYSTALLIZING .ALPHA.-LACTOSE FROM AN AQUEOUS SOLUTION**
[54] **PROCEDE DE CRISTALLISATION DE L'ALPHA-LACTOSE A PARTIR D'UNE SOLUTION AQUEUSE**
[72] WAGNER, PETER, DK
[71] SPX FLOW TECHNOLOGY DANMARK A/S, DK
[85] 2017-05-01
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[54] **ENZYMES FOR MALTING**
[54] **ENZYMES DE MALTAGE**
[72] POULSEN, CHARLOTTE HORSMANS, DK
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
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[25] EN
[54] **TRANSPORT SYSTEM AND METHOD OF CONTROLLING SAME**
[54] **SYSTEME DE TRANSPORT ET PROCEDE DE COMMANDE ASSOCIE**
[72] TROESCH, FLORIAN, CH
[72] FRIEDLI, PAUL, CH
[71] INVENTIO AG, CH
[85] 2017-05-01
[86] 2015-12-02 (PCT/EP2015/078273)
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[25] EN
[54] **EXTRUDED PET FOOD PRODUCT**
[54] **PRODUIT ALIMENTAIRE EXTRUDE POUR ANIMAUX DOMESTIQUES**
[72] DANSET, GAETAN, FR
[72] DRELON, NICOLAS, FR
[72] ECOCHARD, CLAUDE, FR
[72] MARIANI, CLAIRE, FR
[71] MARS, INCORPORATED, US
[85] 2017-05-02
[86] 2015-11-03 (PCT/EP2015/075643)
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[25] EN
[54] **HEATING INSTALLATION**
[54] **INSTALLATION DE CHAUFFAGE**
[72] GORANSSON, HANS-GORAN, MT
[71] ENERGY MACHINES S.A., LU
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[54] **HEATING INSTALLATION**
[54] **INSTALLATION DE CHAUFFAGE**
[72] GORANSSON, HANS-GORAN, MT
[71] ENERGY MACHINES S.A., LU
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[25] EN
[54] **CERIUM OXIDE PARTICLES AND METHOD FOR PRODUCTION THEREOF**
[54] **PARTICULES D'OXYDE DE CERIUM ET LEUR PROCEDE DE PRODUCTION**
[72] OHTAKE, NAOTAKA, JP
[72] OKAZUMI, MITSUHIRO, JP
[72] OCAMPO, FABIEN, FR
[71] RHODIA OPERATIONS, FR
[85] 2017-05-02
[86] 2015-11-10 (PCT/EP2015/076272)
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[54] **BENZYLPROPARGYLETHER AS NITRIFICATION INHIBITORS**
[54] **ETHER BENZYLPROPARGYLIQUE UTILISE COMME INHIBITEURS DE NITRIFICATION**
[72] NAVE, BARBARA, DE
[72] DICKHAUT, JOACHIM, DE
[72] SISAY, MIHRET TEKESTE, DE
[72] WISSEMEIER, ALEXANDER, DE
[72] ZERULLA, WOLFRAM, DE
[72] PASDA, GREGOR, DE
[72] WEIGELT, WOLFGANG, DE
[71] BASF SE, DE
[85] 2017-05-02
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[25] FR
[54] **SECURE GUIDE DEVICE**
[54] **DISPOSITIF DE GUIDAGE SECURISE**
[72] VIART, GUY, FR
[72] LEROY, JEAN YVES, FR
[72] KRIER, BRICE, FR
[72] SHULLER, SEBASTIEN, FR
[71] CLARIANCE, FR
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[86] 2015-11-09 (PCT/FR2015/053030)
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[25] EN
[54] CATHETER FOR RECOVERY OF DYSPHAGIA
[54] CATHETER POUR REMEDIER A UNE DYSPHAGIE
[72] MULROONEY, CONOR, GB
[72] MATEI, VERONIKA, GB
[71] PHAGENESIS LIMITED, GB
[85] 2017-05-02
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[25] EN
[54] CRYSTALLINE FORM OF 5-AMINO-2,3-DIHYDROPHTHALAZINE-1,4-DIONE SODIUM SALT, PHARMACEUTICAL PREPARATIONS CONTAINING THE SAME AND METHOD FOR THE PRODUCTION OF SAID FORM
[54] FORME CRISTALLINE DU SEL DE SODIUM DE 5-AMINO-2,3-DIHYDROPHTALAZINE-1,4-DIONE, PREPARATIONS PHARMACEUTIQUES LA CONTENANT ET PROCEDES POUR SA PRODUCTION
[72] MARTIN, THOMAS, DE
[72] BREU, JOSEF, DE
[72] BRYSCH, WOLFGANG, DE
[72] KOSEL, DAVID, DE
[72] LUDESCHER, BEATE, DE
[72] NIEDERMAIER, MICHAEL, DE
[72] VON WEGERER, JORG, DE
[71] METRIOPHARM AG, CH
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[25] EN
[54] WOODEN MATERIAL PANEL, IN PARTICULAR IN THE FORM OF A WOOD-PLASTIC COMPOSITE MATERIAL, AND A METHOD FOR PRODUCING THE SAME
[54] PANNEAU DERIVE DU BOIS, EN PARTICULIER SOUS LA FORME D'UN MATERIAU COMPOSITE BOIS-PLASTIQUE, ET PROCEDE POUR SA FABRICATION
[72] KALWA, NORBERT, DE
[72] SIEMS, JENS, DE
[72] LEHNHOFF, INGO, DE
[71] FLOORING TECHNOLOGIES LTD., MT
[85] 2017-05-03
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[25] EN
[54] TRANSPORTING APPARATUS FOR A PACKAGING MACHINE
[54] DISPOSITIF DE TRANSPORT POUR MACHINE D'EMBALLAGE
[72] BAECHLE, ANDREAS, DE
[71] ROBERT BOSCH GMBH, DE
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[86] 2015-10-27 (PCT/EP2015/074829)
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[25] EN
[54] METHOD FOR PRODUCING AN AQUEOUS POLYMER DISPERSION
[54] PROCEDE DE PRODUCTION D'UNE DISPERSION DE POLYMERE AQUEUSE
[72] BALK, ROELOF, DE
[72] LOHMEIJER, BASTIAAN, DE
[71] BASF SE, DE
[85] 2017-05-03
[86] 2015-11-03 (PCT/EP2015/075573)
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[25] EN
[54] RECOMBINANT HOST CELL EXPRESSING BETA-GALACTOSIDASE AND/OR TRANSGALACTOSYLATING ACTIVITY DEFICIENT IN MANNANASE, CELLULASE AND PECTINASE
[54] CELLULE HOTE RECOMBINANTE EXPRIMANT UNE ACTIVITE S-GALACTOSIDASE ET/OU DE TRANSGALACTOSYLATION DEFICIENTE EN MANNANASE, EN CELLULASE ET EN PECTINASE
[72] LARSEN, MORTEN KROG, DK
[72] CRAMER, JACOB FLYVHOLM, DK
[72] LABARGE, JEREMY, DK
[72] EISELE, THOMAS, DK
[72] HANSEN KJER, KARINA, DK
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
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[25] EN
[54] **COMPOSITION COMPRISING SALT OF ACYL GLUTAMATE AS PRIMARY SURFACTANT OR PRIMARY ANIONIC SURFACTANT**
[54] **COMPOSITION COMPRENANT UN SEL D'ACYLGLUTAMATE EN TANT QUE TENSIOACTIF PRIMAIRE OU TENSIOACTIF ANIONIQUE PRIMAIRE**
[72] CARNALI, JOSEPH ORESTE, US
[72] SHAH, PRAVIN, US
[72] LIU, HONGJIE, US
[72] DAVE, RAJENDRA MOHANLAL, US
[71] UNILEVER PLC, GB
[85] 2017-05-03
[86] 2015-11-12 (PCT/EP2015/076478)
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[51] **Int.Cl. B66B 3/00 (2006.01) B66B 3/02 (2006.01)**
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[54] **ELEVATOR SYSTEM**
[54] **SYSTEME D'ASCENSEUR**
[72] DRAEGER, OLIVER, DE
[71] THYSSENKRUPP AG, DE
[71] THYSSENKRUPP ELEVATOR AG, DE
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[25] EN
[54] **ACTIVATED CARBON FOR THE REMOVAL OF LEACHABLES AND/OR EXTRACTABLES**
[54] **CHARBON ACTIF POUR L'ELIMINATION DE SUBSTANCES LIXIVIABLES ET/OU EXTRACTIBLES**
[72] SKUDAS, ROMAS, DE
[72] ADRIAN, KLAUS, DE
[72] EDELMANN, BIANCA, DE
[72] ANDRECHT, SVEN, DE
[72] MOYA, WILSON, US
[71] MERCK PATENT GMBH, DE
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[25] EN
[54] **COFFEE AROMA COMPOSITION**
[54] **COMPOSITION D'AROME DE CAFE**
[72] FU, XIAOPING, US
[72] BORLAND, CAROL, US
[71] NESTEC S.A., CH
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[51] **Int.Cl. B26D 7/18 (2006.01) B26D 7/00 (2006.01) D21F 7/00 (2006.01)**
[25] EN
[54] **AIR GUIDE PLATE FOR LEADING AWAY AN EDGE STRIP OF A MATERIAL WEB, METHOD FOR LEADING AWAY AN EDGE STRIP OF THE MATERIAL WEB, AND USE OF THE AIR GUIDE PLATE AND OF THE METHOD**
[54] **TOLE DE GUIDAGE PNEUMATIQUE D'EVACUATION D'UN RUBAN DE BORD D'UNE BANDE DE MATIERE, PROCEDE D'EVACUATION D'UN RUBAN DE BORD D'UNE BANDE DE MATIERE ET UTILISATION DE LA TOLE DE GUIDAGE PNEUMATIQUE ET DU PROCEDE**
[72] LOHRMANN, MICHAEL, DE
[72] KATHER, DANIEL, DE
[72] MULLER, MALTE, DE
[71] VOITH PATENT GMBH, DE
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[25] EN
[54] **CONCENTRATE COMPOSITION FOR POLYMERIC CHAIN EXTENSION**
[54] **COMPOSITION DE CONCENTRE POUR ALLONGEMENT DE CHAINE POLYMERE**
[72] WARTIG, KAREN ALESSA, DE
[72] WOLF, JURGEN, DE
[72] VAN DEN ABBEELE, TIM, DE
[71] CLARIANT PLASTICS & COATINGS LTD, CH
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[25] EN
[54] **HEAD-BORNE VIEWING SYSTEM COMPRISING CROSSED OPTICS**
[54] **SYSTEME DE VISUALISATION DE TETE A OPTIQUES CROISEES**
[72] ESPIE, JEAN-LUC, FR
[72] DIAZ, FREDERIC, FR
[71] THALES, FR
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[25] EN
[54] **A DAMPING OR RETURN DEVICE FOR SLIDING DOOR LEAVES**
[54] **DISPOSITIF D'AMORTISSEMENT OU DE RETOUR POUR VANTAUX DE PORTE COULISSANTE**
[72] BORTOLUZZI, GUIDO, IT
[72] GIROTTO, ADRIANO, IT
[72] MOLINER, LUCIO, IT
[71] BORTOLUZZI SISTEMI S.P.A., IT
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[54] **LOW PH COMPOSITION COMPRISING SPECIFIC PRESERVATIVE SYSTEMS**
[54] **COMPOSITION A FAIBLE PH COMPRENANT DES SYSTEMES DE CONSERVATION SPECIFIQUES**
[72] CARNALI, JOSEPH ORESTE, US
[72] SHAH, PRAVIN, US
[72] LIU, HONGJIE, US
[71] UNILEVER PLC, GB
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[51] **Int.Cl. C09K 8/36 (2006.01) C09K 8/03 (2006.01)**
[25] EN
[54] **METHOD OF INCREASING LUBRICITY OF WELLBORE FLUIDS**
[54] **PROCEDE D'AUGMENTATION DE POUVOIR LUBRIFIANT DE FLUIDES DE PUITS DE FORAGE**
[72] GALLO, ERIK, IT
[72] MERLI, LUIGI, IT
[72] PIROVANO, PIERANGELO, IT
[72] PRIVITERA, LETIZIA, IT
[72] CECCHETTO, MASSIMO, IT
[72] FLORIDI, GIOVANNI, IT
[72] LI BASSI, GIUSEPPE, IT
[71] LAMBERTI SPA, IT
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[25] EN
[54] **PROCESS FOR MAKING A LITHIATED TRANSITION METAL OXIDE**
[54] **PROCEDE DE FABRICATION D'UN OXYDE DE METAL DE TRANSITION LITHIE**
[72] GARELLA, DOMINIK, DE
[72] KALO, BENEDIKT, DE
[71] BASF SE, DE
[85] 2017-05-04
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[25] FR
[54] **METHOD FOR APPLYING A SEAL TO A PLATE**
[54] **PROCEDE POUR APPLIQUER UN JOINT A UNE PLAQUE**
[72] MURILLO Y PACIFICO, CANDIDO, BE
[72] SCAGLIOLA, GIOVANNI, BE
[71] SPLIFAR, BE
[85] 2017-05-04
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[25] EN
[54] **COMPOSITIONS COMPRISING CYCLOSPORIN**
[54] **COMPOSITIONS COMPRENANT DE LA CYCLOSPORINE**
[72] COULTER, IVAN, IE
[72] AVERSA, VINCENZO, IE
[72] ROSA, MONICA, IE
[72] O'DONNELL, DAIRE, IE
[72] RENAUD OF CALHANE, WYATT, IE
[71] SIGMOID PHARMA LIMITED, IE
[85] 2017-05-04
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[30] EP (PCT/EP2014/074054) 2014-11-07
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[51] **Int.Cl. B03C 1/01 (2006.01) B03C 1/00 (2006.01) B03C 1/015 (2006.01) B03C 1/02 (2006.01)**
[25] EN
[54] **ENERGY INPUT DURING AGGLOMERATION FOR MAGNETIC SEPARATION**
[54] **ENTREE D'ENERGIE PENDANT L'AGGLOMERATION DE SEPARATION MAGNETIQUE**
[72] INCERA GARRIDO, GERARDO, DE
[72] SHISHKOV, IGOR, DE
[72] RIEGER, REINHOLD, DE
[72] SERNA GUERRERO, RODRIGO IVAN, DE
[72] VICUM, LARS, DE
[71] BASF SE, DE
[85] 2017-05-04
[86] 2015-11-27 (PCT/EP2015/077918)
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[51] **Int.Cl. A23G 9/22 (2006.01) A23G 9/26 (2006.01) A23G 9/28 (2006.01) A23G 9/48 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CUTTING OR EMBOSSING COATINGS**
[54] **APPAREIL ET PROCEDE POUR LA DECOUPE OU LE GAUFRAGE D'ENROBAGES**
[72] AMEND, THOMAS ALOISIUS VALENTINUS, US
[71] NESTEC S.A., CH
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[54] **PROCEDE DE REGULATION DU FONCTIONNEMENT D'UN GENERATEUR DE VAPEUR A RECUPERATION DE CHALEUR**
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[72] THOMAS, FRANK, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **COMPLEXES ENZYMES-INHIBITEURS**
[72] BOSMANS, GEERTRUI, BE
[72] FIERENS, ELLEN, BE
[72] BRIJS, KRISTOF, BE
[72] DELCOUR, JAN, BE
[72] VERTE, FABIENNE, BE
[72] GEORIS, JACQUES, BE
[72] DORGEO, VALERIE, BE
[72] ARNAUT, FILIP, BE
[71] PURATOS NV, BE
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[54] **AQUEOUS SOLUTION CONTAINING COMBINATION OF COMPLEXING AGENTS**
[54] **SOLUTION AQUEUSE CONTENANT UNE COMBINAISON D'AGENTS COMPLEXANTS**
[72] REINOSO GARCIA, MARTA, DE
[72] BIEL, MARKUS CHRISTIAN, DE
[72] BOECKH, DIETER, DE
[72] LETZELTER, NATHALIE SOPHIE, GB
[72] MURKUNDE, ROHAN GOVIND, GB
[72] HUELSKOETTER, FRANK, DE
[72] GOODAL, KEVIN GEORGE, BE
[71] BASF SE, DE
[71] PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **MIXED METAL OXIDE COMPOSITE FOR OXYGEN STORAGE**
[54] **COMPOSITE D'OXYDE METALLIQUE MIXTE POUR STOCKAGE D'OXYGENE**
[72] TITLBACH, SVEN, DE
[72] SCHUNK, STEPHAN A., DE
[72] MULLER, ROBERT, DE
[72] SUNDERMANN, ANDREAS, DE
[72] GOEBEL, MICHAEL, DE
[72] KARPOV, ANDREY, DE
[72] DEEBA, MICHEL, US
[72] ZHENG, XIAOLAI, US
[72] GLAUM, ROBERT, DE
[72] SCHMITZ, ANDREAS, DE
[71] BASF SE, DE
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[54] **PHAGOTHERAPIE**
[72] POUILLOT, FLAVIE, FR
[72] BLOIS, HELENE, FR
[71] PHERECYDES PHARMA, FR
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[25] EN
[54] **A DAMPING OR RETURN DEVICE FOR SLIDING DOOR LEAVES OR FOR DRAWERS**
[54] **DISPOSITIF D'AMORTISSEMENT OU DE RETOUR POUR VANTAUX DE PORTES COULISSANTES OU POUR TIROIRS**
[72] BORTOLUZZI, GUIDO, IT
[72] GIROTTO, ADRIANO, IT
[72] MOLINER, LUCIO, IT
[71] BORTOLUZZI SISTEMI S.P.A., IT
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[86] 2015-11-06 (PCT/EP2015/075975)
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[54] **FAN-FOLDED PAPER WEB STACK**
[54] **BANDE PAPIER PLIEE EN ACCORDEON ET FORMANT UN EMPILEMENT**
[72] SPRICK-SCHUTTE, ANDREAS, DE
[71] SPRICK GMBH BIELEFELDER PAPIER- UND WELLPAPPENWERKE & CO., DE
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[25] EN
[54] **TEMPERATURE CONTROL APPARATUS**
[54] **DISPOSITIF DE MISE EN TEMPERATURE**
[72] STILLER, WILFRIED, DE
[72] LUDERSEN, ULRICH, DE
[72] BALSSEN, EILERT, DE
[71] XYLEM IP MANAGEMENT S.A R.L., LU
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[51] **Int.Cl. C11D 3/20 (2006.01) C11D 3/32 (2006.01)**
[25] EN
[54] **DETERGENT AND CLEANING AGENTS HAVING IMPROVED PERFORMANCE**
[54] **PRODUITS DE LAVAGE ET DE NETTOYAGE A EFFICACITE AMELIOREE**
[72] KROPF, CHRISTIAN, DE
[72] BLUHM, NADINE, DE
[72] UMBREIT, CHRISTIAN, DE
[72] HELLMUTH, HENDRIK, DE
[72] STROTZ, MICHAEL, DE
[72] HEGETSCHWEILER, KASPAR, DE
[71] HENKEL AG & CO. KGAA, DE
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[54] **CASE FOR HOLDING TOOLS OR SMALL PARTS**
[54] **BOITIER DE RANGEMENT D'OUTILS OU DE PETITES PIECES**
[72] TIMM, FELIX, DE
[72] STARKE, JOHANNES, DE
[72] KRAUS, DANIEL, DE
[72] KOCH, SIMON, DE
[72] HOHL, WOLFGANG, DE
[71] ADOLF WURTH GMBH & CO. KG, DE
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[54] **2,3-DIHYDRO-THIAZOLO[3,2-A]PYRIDIN-5-ONE DERIVATIVES, INTERMEDIATES THEREOF, AND THEIR USE AS ANTIBACERIAL AGENTS**
[54] **DERIVES DE 2,3-DIHYDRO-THIAZOLO [3,2-A] PYRIDIN-5-ONE, LEURS INTERMEDIAIRES ET LEUR UTILISATION COMME AGENTS ANTIBACTERIENS**
[72] GOOD, JAMES ARTHUR DUDLEY, GB
[72] KULEN, ANNA MARTINA, SE
[72] ALMQVIST, KLAS FREDRIK, SE
[72] CAIRNS, ANDREW GERARD, SE
[72] PONTEN, JOHN FRITIOF, SE
[71] QURETECH BIO AB, SE
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[54] **HERBICIDAL MIXTURES FOR CONTROLLING HERBICIDE-RESISTANT DICOTYLEDONOUS PLANTS**
[54] **MELANGES HERBICIDES POUR LUTTER CONTRE DES PLANTES DICOTYLEDONES RESISTANT AUX HERBICIDES**
[72] BELANI, RAFAEL BRUGNERA, BR
[72] GHIGLIONE, HERNAN OSCAR, BR
[72] ZAMBON, SERGIO, BR
[72] ZENY, EVERSON PEDRO, BR
[72] CONSTANTIN, JAMIL, BR
[72] DE OLIVEIRA, RUBEM SILVERIO, JR., BR
[72] BIFFE, DENIS FERNANDO, BR
[71] BASF AGRO B.V., NL
[71] UNIVERSIDADE ESTADUAL DE MARINGA, BR
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[25] EN
[54] **METHOD AND APPARATUS FOR CONTINOUSLY TREATING A METAL STRIP**
[54] **DISPOSITIF ET PROCEDE POUR TRAITER EN CONTINU UNE BANDE METALLIQUE**
[72] NOE, ANDREAS, DE
[72] BAUKLOH, DIETER, DE
[72] SCHAFER, DIRK, DE
[71] BWG BERGWERK- UND WALZWERK-MASCHINENBAU GMBH, DE
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[54] **BROYEUR A ENTRAINEMENT MULTIPLE**
[72] NICHOLSON, PHIL, GB
[72] WHEATLEY, MARTIN, GB
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[25] EN
[54] **ADORNING ELEMENT AND METHOD FOR MANUFACTURING THE SAME**
[54] **ELEMENT ORNANT ET SON PROCEDE DE FABRICATION**
[72] WILSER, ALEXANDER, DE
[71] ALEXANDER WILSER GMBH, DE
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[25] EN
[54] **A METHOD FOR REVAMPING AN AMMONIA PLANT**
[54] **PROCEDE DE MODERNISATION D'UNE INSTALLATION DE PRODUCTION D'AMMONIAC**
[72] PANZA, SERGIO, IT
[72] BRUNI, COSTANTINO, CH
[71] CASALE SA, CH
[85] 2017-05-10
[86] 2015-09-24 (PCT/EP2015/071995)
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[25] EN
[54] **WEB PROCESSING SYSTEM AND METHOD FOR PROCESSING A WEB**
[54] **SYSTEME DE TRAITEMENT DE BANDE ET PROCEDE POUR LE TRAITEMENT D'UNE BANDE**
[72] OCHOA CARO, JUAN FRANCISCO, DE
[72] JANSON, OLAF, DE
[71] JT INTERNATIONAL S.A., CH
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[25] EN
[54] **METHOD FOR OBTAINING FIBRES FROM AT LEAST ONE PLANT STEM**
[54] **PROCEDE D'OBTENTION DE FIBRES A PARTIR D'AU MOINS UNE TIGE DE PLANTE**
[72] HEGER, EGON, DE
[71] MATTES & AMMANN GMBH & CO. KG, DE
[71] HEGER, EGON, DE
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[54] **POLYMERE AVEC CHAINES LATERALES DE POLYETHER**
[72] BICHLER, MANFRED, DE
[72] WINKLBAUER, MARTIN, DE
[72] DENGLER, JOACHIM, DE
[71] BASF SE, DE
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[51] **Int.Cl. B65D 43/16 (2006.01) B65D 43/22 (2006.01)**
[25] EN
[54] **CLOSURE DEVICE AND CONTAINER**
[54] **DISPOSITIF DE FERMETURE ET RECIPIENT**
[72] GOLTA, KAREL, DE
[72] ZETHOFF, MARTIN, DE
[72] HENNING, INGOMAR, DE
[72] BUTTER-JENTSCH, RALPH, DE
[72] BERTRAM, CARSTEN, DE
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[54] **PRIMARY CARPET BACKING FOR LATEX FREE TUFTED CARPETS**
[54] **SOUS-COUCHE PRIMAIRE POUR TAPIS TUFTES SANS LATEX**
[72] VISSCHER, EDZE JAN, NL
[72] KOETSIER, ARNOLD, NL
[72] STIGTER, LEONIE, NL
[71] LOW & BONAR B.V., NL
[85] 2017-05-10
[86] 2015-11-09 (PCT/EP2015/076046)
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[25] EN
[54] **BINDING MOLECULES SPECIFIC FOR CD73 AND USES THEREOF**
[54] **MOLECULES DE LIAISON SPECIFIQUES DU CD73 ET LEUR UTILISATION**
[72] MINTER, RALPH, GB
[72] RUST, STEVEN, GB
[72] GUILLARD, SANDRINE, GB
[72] JERMUTUS, LUTZ U., GB
[72] HAY, CARL, US
[72] SACHSENMEIER, KRIS, US
[72] SULT, ERIN, US
[72] HUANG, QIHUI, US
[72] PAVLIK, PETER, US
[72] DAMSCHRODER, MELISSA, US
[72] CHENG, LI, US
[72] DIEDRICH, GUNDO, US
[72] RIOS-DORIA, JONATHAN, US
[72] HAMMOND, SCOTT A., US
[72] HOLLINGSWORTH, ROBERT E., US
[72] DURHAM, NICHOLAS M., US
[72] LEOW, CHING CHING, US
[72] ANTONYSAMY, MARY, US
[72] GEOGHEGAN, JAMES, US
[72] LU, XIAOJUN, US
[72] ROSENTHAL, KIM, US
[71] MEDIMMUNE LIMITED, GB
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[30] US (62/077,486) 2014-11-10
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[30] US (62/188,,999) 2015-07-06

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[25] EN
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[54] **FOUR A PLASMA ET OXYGAS**
[72] HEULENS, JEROEN, BE
[72] DE COOMAN, BART, BE
[72] QUIX, MAARTEN, BE
[71] UMICORE, BE
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[54] **NEBULISATION OF LIQUIDS**
[54] **NEBULISATION DE LIQUIDES**
[72] REBOUD, JULIEN, GB
[72] WILSON, ROBERT, GB
[72] COOPER, JONATHAN, GB
[71] THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW, GB
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[51] **Int.Cl. C08J 5/18 (2006.01)**
[25] EN
[54] **PROCESS TO PREPARE BIAXIALLY ORIENTED FILM**
[54] **PROCEDE DE PREPARATION D'UN FILM A ORIENTATION BIAXALE**
[72] CHEN, HAO, NL
[72] STROEKS, ALEXANDER ANTONIUS MARIE, NL
[72] STEPANYAN, ROMAN, NL
[71] DSM IP ASSETS B.V., NL
[85] 2017-05-10
[86] 2015-11-12 (PCT/EP2015/076412)
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[51] **Int.Cl. C12N 15/82 (2006.01) A01H 1/08 (2006.01) C07K 14/415 (2006.01) C12N 9/10 (2006.01) C12N 9/16 (2006.01) C12N 9/18 (2006.01) C12N 9/90 (2006.01)**
[25] EN
[54] **HAPLOID INDUCTORS**
[54] **INDUCTEURS HAPLOIDES**
[72] BOLDUAN, CHRISTOF, DE
[72] KLOIBER-MAITZ, MONIKA, DE
[72] NIESSEN, MARKUS, DE
[72] OUZUNOVA, MILENA, DE
[72] WELTMEIER, FRIDTJOF, DE
[71] KWS SAAT SE, DE
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[30] DE (10 2014 016 667.8) 2014-11-12

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[51] **Int.Cl. C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **BRASSICA EVENTS LBFLFK AND LBFDAU AND METHODS FOR DETECTION THEREOF**
[54] **EVENEMENTS DE BRASSICA LBFLFK ET LBFDAU, ET PROCEDES DE DETECTION DE CEUX-CI**
[72] SENGER, TORALF, US
[72] MARTY, LAURENT, DE
[72] KUNZE, IRENE, DE
[72] BAUER, JOERG, US
[72] REIN, DIETRICH, DE
[72] ANDRE, CARL, US
[71] BASF PLANT SCIENCE COMPANY GMBH, DE
[85] 2017-05-10
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[87] (WO2016/075303)
[30] US (62/079,622) 2014-11-14
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[51] **Int.Cl. H01L 35/30 (2006.01)**
[25] EN
[54] **ELECTRIC POWER SUPPLY HAVING A THERMOELECTRIC GENERATOR**
[54] **DISPOSITIF DE PRODUCTION DE COURANT POURVU D'UN GENERATEUR THERMOELECTRIQUE**
[72] PETRAK, LEO, DE
[72] TORDY, ROBERT, DE
[72] WEIS, MARTIN, DE
[71] HIRSCHMANN AUTOMATION AND CONTROL GMBH, DE
[85] 2017-05-10
[86] 2015-11-13 (PCT/EP2015/076600)
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[51] **Int.Cl. C12N 15/82 (2006.01)**
[25] EN
[54] **MATERIALS AND METHODS FOR INCREASING THE TOCOPHEROL CONTENT IN SEED OIL**
[54] **MATERIAUX ET PROCEDES POUR AUGMENTER LA TENEUR EN TOCOPHEROL DANS UNE HUILE DE GRAINES**
[72] ANDRE, CARL, US
[71] BASF PLANT SCIENCE COMPANY GMBH, DE
[85] 2017-05-10
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[87] (WO2016/075313)
[30] US (62/079,622) 2014-11-14
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[51] **Int.Cl. C12N 15/82 (2006.01)**
[25] EN
[54] **STABILISING FATTY ACID COMPOSITIONS**
[54] **STABILISATION DE COMPOSITIONS D'ACIDES GRAS**
[72] SENGER, TORALF, US
[72] HAERTEL, HEIKO, DE
[71] BASF PLANT SCIENCE COMPANY GMBH, DE
[85] 2017-05-10
[86] 2015-11-13 (PCT/EP2015/076605)
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[30] US (62/079,622) 2014-11-14
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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01)**
[25] EN
[54] **MICROBUBBLE GENERATOR DEVICE, SYSTEMS AND METHOD TO FABRICATE**
[54] **DISPOSITIF GENERATEUR DE MICROBULLES, SYSTEMES ET PROCEDE DE FABRICATION**
[72] LIU, CHENGXUN, BE
[72] PEUMANS, PETER, BE
[72] LAGAE, LIESBET, BE
[72] MAJEED, BIVRAGH, BE
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[71] BASF PLANT SCIENCE COMPANY GMBH, DE
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[54] **PROCEDE DE COMMANDE D'UN SYSTEME DE SURVEILLANCE DE TRAFIC**
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[72] ARLIG, ULF, SE
[72] CRONA, BJORN, SE
[72] KARLSTROM, CHRISTIAN, SE
[71] KAPSCH TRAFFICCOM AB, SE
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[54] AGENCEMENT DE POIGNEE AVEC VERROU INTERNE
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[54] PROCEDE DE TRAITEMENT A HAUTE PRESSION D'UN PRODUIT
[72] KNAUF, WILFRIED, DE
[72] NUENNERICH, PETER, DE
[71] UHDE HIGH PRESSURE TECHNOLOGIES GMBH, DE
[71] THYSSENKRUPP AG, DE
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[54] PROCEDE DE MANOEUVRE DE CHARGES CAPACITIVES ET DISPOSITIF POUR LA MISE EN OEUVRE DU PROCEDE
[72] FANGET, ALAIN, FR
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[54] COMPOSITION POLYMERE COMPRENANT UN ADDITIF BASIQUE, PROCEDE ET ARTICLES COMPRENANT LADITE COMPOSITION POLYMERE
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[72] LAPERSONNE, PHILIPPE, DE
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[54] PROCEDE POUR LE TRANSPORT DE PETROLE
[72] BITTNER, CHRISTIAN, DE
[72] OETTER, GUNTER, DE
[72] WEISSE, SEBASTIAN ALEXANDER, DE
[72] RATHS, HANS-CHRISTIAN, DE
[72] TINSLEY, JACK, US
[72] KIENLE, MARCEL PATRIK, DE
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[25] EN
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[54] RENFORT FIBREUX SEC DE TYPE BANDE
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[72] SJOSTEDT, OSKAR, SE
[72] OHLSSON, FREDRIK, SE
[71] TAPE WEAVING SWEDEN AB, SE
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[54] ECHAFAUDAGE DE GREFFE POUR LA REPARATION DE CARTILAGE ET PROCEDE POUR SA FABRICATION
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[72] ZENOBI-WONG, MARCY, CH
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[71] ETH ZURICH, CH
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[54] PROCEDE DE FABRICATION DE PANNEAU COMPRENANT UNE FEUILLE DE RENFORT, ET PANNEAU DE PLANCHER
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[72] BOSSUYT, FILIP GILBERT LUCIEN, BE
[71] IVC N.V., BE
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[54] ENSEMBLE CONNECTEUR ENFICHABLE A MANCHON COMPENSATEUR
[72] ZEBHAUSER, MARTIN, DE
[72] BREDBECK, TILL, DE
[72] ARMBRECHT, GUNNAR, DE
[72] KUNZ, STEPHAN, DE
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[54] EMBOUT DE DISTRIBUTION DE FLUIDE A PROPRIETES BACTERICIDES ET/OU BACTERIOSTATIQUES
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[54] PREPARATION D'UN RECIPIENT A DOUBLE CHAMBRE
[72] WERK, TOBIAS, CH
[72] LUMKEMANN, JORG, DE
[72] MAHLER, HANNS-CHRISTIAN, DE
[71] F.HOFFMANN-LA ROCHE AG, CH
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[54] FERMETURE D'UNE CHAMBRE D'UN RECIPIENT POUR UN PRODUIT PHARMACEUTIQUE
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[72] LUMKEMANN, JORG, DE
[72] MAHLER, HANNS-CHRISTIAN, DE
[72] KISSLING, TOM, CH
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[72] FISCHER, KAI JURGEN, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] COMPOSES DE 1,2,4-TRIAZOLO[4,3-A]PYRIDINE ET LEUR UTILISATION EN TANT QUE MODULATEURS ALLOSTERIQUES POSITIFS DES RECEPTEURS MGLUR2
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[71] JANSSEN PHARMACEUTICA NV, BE
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[54] ENROULEMENT ELECTRIQUE POUR TRES HAUTES TEMPERATURES
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[72] MANSIR, HASSAN, GB
[71] CORETEQ SYSTEMS LTD, GB
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[54] METHODE POUR DIAGNOSTIQUER LA MALADIE DE NIEMANN-PICK A L'AIDE D'UN BIOMARQUEUR
[72] ROLFS, ARNDT, DE
[72] MASCHER, HERMANN, AT
[71] CENTOGENE AG, DE
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[54] FABRIC TREATMENT COMPOSITION
[54] COMPOSITION DE TRAITEMENT DE TEXTILE
[72] BURGESS, KARL, GB
[72] CROSSMAN, MARTIN CHARLES, GB
[72] GRAHAM, PETER, GB
[72] OSLER, JONATHAN, GB
[72] RIELEY, HUGH, GB
[72] WALSH, SHAUN CHARLES, GB
[71] UNILEVER PLC, GB
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[72] BURGESS, KARL, GB
[72] CROSSMAN, MARTIN CHARLES, GB
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[54] PROCEDES D'AMELIORATION DE L'HYGIENE, ET ARTICLES ET TROUSSES DESTINES A ETRE UTILISES DANS LES PROCEDES
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[72] KAASEN, INGA, NO
[71] NETTFORSK AS, NO
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[54] STATOR POUR GENERATEUR ET MACHINE DE COMMUTATION DE FLUX POUR UNE TURBINE EOLIENNE
[72] NEDJAR, BOUMEDYEN, FR
[71] AREVA WIND GMBH, DE
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[54] PRODUITS A BASE DE SULFATE DE CALCIUM
[72] BROOKS, LAURA, GB
[72] FISHER, ROBIN, GB
[72] RIDEOUT, JAN, GB
[71] SAINT-GOBAIN PLACO, FR
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[25] EN
[54] FIRE RESISTANT CALCIUM SULPHATE-BASED PRODUCTS
[54] PRODUITS A BASE DE SULFATE DE CALCIUM RESISTANT AU FEU
[72] BROOKS, LAURA, GB
[72] FISHER, ROBIN, GB
[72] RIDEOUT, JAN, GB
[71] SAINT-GOBAIN PLACO, FR
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[54] **FIRE RESISTANT CALCIUM SULPHATE-BASED PRODUCTS**
[54] **PRODUITS RESISTANTS AU FEU, A BASE DE SULFATE DE CALCIUM**
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[72] FISHER, ROBIN, GB
[72] RIDEOUT, JAN, GB
[71] SAINT-GOBAIN PLACO, FR
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[54] **PROCEDES ET COMPOSITIONS POUR PRODUIRE ET SEQUENCER DES ENSEMBLES MONOCLONAUX D'ACIDE NUCLEIQUE**
[72] GUNDERSON, KEVIN L., US
[72] BAI, JINGWEI, US
[72] KELLINGER, MATTHEW WILLIAM, US
[72] BEIERLE, JOHN M., US
[72] BOUTELL, JONATHAN MARK, GB
[72] RIGATTI, ROBERTO, GB
[72] ROGERT BACIGALUPO, MARIA CANDELARIA, US
[72] BOYANOV, BOYAN, US
[72] MAISINGER, KLAUS, GB
[71] ILLUMINA, INC., US
[71] ILLUMINA CAMBRIDGE LTD., GB
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[54] **PRODUITS A BASE DE SULFATE DE CALCIUM RESISTANT AU FEU**
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[72] FISHER, ROBIN, GB
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[71] SAINT-GOBAIN PLACO, FR
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[54] **SYSTEME D'ENTRAINEMENT ELECTROMECANIQUE**
[72] THEOPOLD, TOBIAS, DE
[72] PAULI, MATTHIAS, DE
[72] O'SULLIVAN, DENIS, IE
[72] O'SULLIVAN, ROBERT, IE
[71] MOOG UNNA GMBH, DE
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[54] **PROCEDE DE CRIBLAGE DE GENES CONFERANT UNE TOLERANCE ACCRUE AUX HERBICIDES**
[72] TRESCH, STEFAN, DE
[72] APONTE, RAPHAEL, DE
[72] LERCHL, JENS, DE
[72] HUTZLER, JOHANNES, DE
[71] BASF SE, DE
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[54] **AGENT DE RUPTURE POLYMERE INTERNE POUR FLUIDES A BASE D'UN TENSIOACTIF VISCOELASTIQUE**
[72] YUAN-HUFFMAN, QINGWEN WENDY, US
[72] KANG, KAI, CN
[72] WU, BO, CN
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
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[54] **VACCINS DU VIRUS DE LA GRIPPE EQUINE INACTIVE**
[72] QIAO, ZHISONG, US
[72] PETERS, CATHERINE M, US
[72] GUO, ZHUYAN, US
[72] VAALA, WENDY, US
[72] BARNETT, CRAIG, US
[71] INTERVET INTERNATIONAL B.V., NL
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[54] **PROCEDE D'EVALUATION DE QUALITE ET DISPOSITIF D'EVALUATION DE QUALITE**
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[72] MOTOMURA, ASAKO, JP
[72] AKIEDA, SHIZUKA, JP
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[72] FREDRICKSON, DONOVAN L., US
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[72] CARLSON, RYAN D., US
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[72] BURNS, MICHAEL, US
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[54] **LAMPES A DEL POUR MONTAGE EN RATTRAPAGE SUR DES BALLASTS POUR LAMPES A HALOGENURES METALLIQUES DE FORTE PUISSANCE**
[72] RAMAIAH, RAGHU, US
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[72] PAX, BENJAMIN MICHAEL, US
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[54] **OUTIL DE PRISE OCCLUSALE, ENSEMBLE D'OUTIL DE PRISE OCCLUSALE ET PROCEDE POUR L'ENREGISTREMENT OCCLUSAL**
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[54] **PROCEDE ET SYSTEME DE MAXIMISATION DE LA PRODUCTION D'UN PUITS AVEC UN POMPAGE PNEUMATIQUE ASSISTE PAR GAZ**
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[72] PICKERING, MATTHEW, US
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[72] CAVANAUGH, MATTHEW, US
[71] HUNTLEIGH TECHNOLOGY LIMITED, GB
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[54] **DISPOSITIF D'INJECTION DE MEDICAMENT AUTOMATIQUE COMPORTANT UNE INDICATION AUDIBLE DE PROGRESSION D'INJECTION**
[72] ATTERBURY, WILLIAM G., US
[72] MADLAND, STEVEN MICHAEL, US
[72] MCKENZIE, CHRISTOPHER PAUL, US
[72] MODLICH, JESSICA DIANE, US
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[54] **LANCEUR DE PROJECTILES-JOUETS D'ARC AVEC ELEMENTS DE LANCER ELASTIQUES REMPLACABLES**
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[71] KMA CONCEPTS LIMITED, CN
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[54] **SYSTEME DE REGULATION DE L'HUMIDITE**
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[72] PICKERING, MATTHEW, US
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[71] HUNTLEIGH TECHNOLOGY LIMITED, GB
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[54] **SYSTEME D'ASSISTANCE A LA REANIMATION CARDIO-RESPIRATOIRE ET METHODE DE SURVEILLANCE DE LA REANIMATION CARDIO-RESPIRATOIRE**
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[54] NOUVELLES NORMALISATIONS ET NOUVEAUX DISPOSITIFS MEDICAUX POUR LA PREPARATION DE PLASMA RICHE EN PLAQUETTES (PRP) OU DE CENTRIFUGAT DE MOELLE OSSEUSE (BMC) SEUL OU EN ASSOCIATIONAVEC DE L'ACIDE HYALURONIQUE
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[72] FERRIER, ANDREW (DECEASED), ZZ
[72] HUTCHINSON, PETER, NZ
[71] ENVIROPLAZ INTERNATIONAL HOLDINGS LIMITED, CN
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[54] DISPOSITIF POUVANT ETRE POSITIONNE DANS LA CAVITE UTERINE
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[72] WEINSTEIN, ARIEL, IL
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[54] DISPOSITIF ET PROCEDE POUR COMMANDER UN ELEMENT D'OUVERTURE/DE FERMETURE DE VEHICULE
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[54] **DISPOSITIF ET PROCEDE DE SEPARATION A CAPTEUR**
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[72] BAKKER, MARTINUS CORNELIS MARIA, NL
[72] BERKHOUT, SIMON PETRUS MARIA, NL
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[72] ROSENHEIMER, AMIR, IL
[72] KOREN PINTO, SHAHAR, US
[71] PAYMAXS LTD., IL
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[71] TAPGENES, INC., US
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[54] **TRAITEMENT ANTITUMORAL PAR PRECIBLAGE AVEC DES ANTICORPS BISPECIFIQUES**
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[72] HESKAMP, SANDRA, US
[72] CHANG, CHIEN-HSING, US
[72] MCBRIDE, WILLIAM J., US
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[54] **TETE DE MICROSCOPE COMPORTANT PLUSIEURS COMMANDES MECANIQUES COAXIALES**
[72] STIEFFERMAN, TIM, US
[72] TOAL, NICHOLAS, US
[71] GLOBAL SURGICAL CORPORATION, US
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[54] **CONSORTIUMS BACTERIENS SYNERGIQUES PERMETTANT DE MOBILISER LE PHOSPHORE DU SOL**
[72] WALLENSTEIN, MATTHEW D., US
[72] BELL, COLIN W., US
[71] COLORADO STATE UNIVERSITY RESEARCH FOUNDATION, US
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[54] **FORMULATIONS AYANT UNE ACTIVITE ANTI-INFLAMMATOIRE ET UNE ACTIVITE ANTIMICROBIENNE CONTRE LES BACTERIES GRAM POSITIF**
[72] JAMES-MEYER, LYNN S., US
[72] COLES, GERALD C., GB
[71] NATUREZA, INC., US
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[54] **INHIBITEURS D'APP2 A TENEUR EN 4-FLUORO-THIO, LEURS COMPOSITIONS ET PROCEDE D'UTILISATION**
[72] SIMMONS, WILLIAM H., US
[71] SIMMONS, WILLIAM H., US
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[54] **COMPOSITIONS D'ACIDE AMINE POUR LE TRAITEMENT DE SYMPTOMES DE MALADIE**
[72] VIDYASAGAR, SADASIVAN, US
[72] GATTO, STEPHEN J., US
[72] DENNISON, DANIEL B., US
[71] ENTRINSIC HEALTH SOLUTIONS, LLC, US
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[54] **IMPLANT CHIRURGICAL AVEC REGION POREUSE**
[72] PAPANGELOU, CHRIS, US
[72] KARNES, G. JOSHUA, US
[71] ARTHREX, INC., US
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[54] **RACCORD EN Y A DEUX MATERIAUX**
[72] KOELPER, CRYSTAL E., US
[72] NORDQUIST, JEFFREY S., US
[72] SHAUGHNESSY, MICHAEL C., US
[72] MORICI, JOHN L., US
[71] CORPAK MEDSYSTEMS, INC., US
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[54] **REACTION RAPIDE AVEC CONNEXION DIRECTE POUR AGENTS D'INTERVENTION D'URGENCE**
[72] BARNES, JOHN PRESTON, US
[72] BARNES, KEVIN WAYNE, US
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[72] FREEMAN, BENJAMIN, US
[71] THOMAS & BETTS INTERNATIONAL LLC, US
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[54] **SYSTEMES ET PROCEDES DE COMMANDE DE PROFONDEUR DE TRAITEMENT DANS DES SYSTEMES DENTAIRES A LASER**
[72] MONTY, NATHAN P., US
[72] DRESSER, CHARLES H., US
[71] CONVERGENT DENTAL, INC., US
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[54] **SYSTEME D'IMAGERIE PAR RAYONNEMENT**
[72] IMMEL, DAVID M., US
[72] BOBBITT, JOHN T., III, US
[72] PLUMMER, JEAN R., US
[72] FOLSOM, MATTHEW D., US
[72] SERRATO, MICHAEL G., US
[71] SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC, US
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[54] **APPARATUS AND METHOD FOR INNER CASING STRING WINDOW MILLING AND OUTER CASING CEMENT SHEATH REMOVAL**
[54] **APPAREIL ET PROCEDE DE FRAISAGE DE FENETRE DE COLONNE DE TUBAGE INTERIEUR ET ENLEVEMENT DE FOURREAU EN CIMENT DE GAINE EXTERIEURE**
[72] RUTTLEY, DAVID J., US
[71] ABRADO, INC., US
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[54] **CIRCUMFERENTIAL WOUND RETRACTION WITH SUPPORT AND GUIDANCE STRUCTURES**
[54] **ECARTEMENT CIRCONFERENTIEL DE PLAIES AVEC STRUCTURES DE SUPPORT ET DE GUIDAGE**
[72] UART, CHARLES C., US
[72] PRAVONG, BOUN, US
[72] PRAVONGVIENGKHAM, KENNI, US
[72] BOLANOS, EDUARDO, US
[72] TALWAR, TINA, US
[72] BRESLIN, TRACY, US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
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[54] **AMPLIFICATION AND DETECTION OF NUCLEIC ACIDS IN A BIOLOGICAL SAMPLE**
[54] **AMPLIFICATION ET DETECTION D'ACIDES NUCLEIQUES DANS UN ECHANTILLON BIOLOGIQUE**
[72] JACKY, LUCIEN, US
[72] CASTRO, ALBERT, US
[72] LEE, PETER, US
[72] MATUD, JOSE, US
[72] TABB, MICHELLE, US
[71] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US
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[54] **CHIMIO-IMMUNOTHERAPIE HAPTENE-AMELIOREE PAR CHIMIO-IMMUNOTHERAPIE INTRATUMORALE PERSONNALISEE PAR INCISION ULTRA-MINIMALE**
[72] YU, BAOFA, US
[71] YU, BAOFA, US
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[54] **COMPARTIMENT POUR BATTERIE A ACCES FRONTAL**
[72] BRUNELLI, ANTHONY LOUIS, US
[72] PAPSTEIN, ROBERT RICHARD, US
[71] HUBBELL INCORPORATED, US
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[54] **DISPOSITIF MULTI-LOCATAIRES PAR L'INTERMEDIAIRE D'UN CODE ENCAPSULE DANS DES REQUETES DE SERVEUR**
[72] JANCZUK, TOMASZ, US
[72] WOLOSKI, MATIAS, US
[71] AUTH0, INC., US
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[54] **PROCEDE ET SYSTEME PERMETTANT DE FOURNIR DES VERIFICATIONS DE REFERENCE**
[72] ANHALT, KEVIN, US
[72] MATTHEWS, SHAWN, CA
[72] MATTHEWS, KAREN, CA
[72] BROWN, TRAVIS, US
[71] AREFCHEX INC., US
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[54] **SYSTEME DE GESTION DE SECURITE INTELLIGENT**
[72] TYKKYLAINEN, JARNO, FI
[72] MORTON, EDWARD JAMES, GB
[72] JARVI, ARI, FI
[71] RAPISCAN SYSTEMS, INC., US
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[54] **METHODS OF TREATING FIBROSIS**
[54] **PROCEDES DE TRAITEMENT DE LA FIBROSE**
[72] GONZALEZ, TONI JAUSET, ES
[72] MASSO-VALLES, DANIEL, ES
[72] SOUCEK, LAURA, ES
[71] PHARMACYCLICS LLC, US
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[54] **PROCEDE ET APPAREIL POUR CICATRISATION AMELIOREE**
[72] MOWER, MORTON M., US
[71] MOWER, MORTON M., US
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[54] **EXTRAITS DE DRECHES DE DISTILLERIE COMPLETES ET AUTRE BIOMASSE ET PROCEDES ASSOCIES**
[72] HUANG, DEJIAN, US
[72] GALVIN, JIM, US
[72] BYRNE, EAMONN, US
[71] LAKEVIEW NUTRITION LLC, US
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[54] **POMPE A FLUIDE A HAUTE CAPACITE**
[72] HANDWERK, GARY, US
[71] US FIRE PUMP COMPANY, L.L.C., US
[85] 2017-05-24
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[54] **DISPOSITIFS ELECTRIQUES AVEC ENTREES DE CONDUCTEUR ELECTRIQUE LONGITUDINALES**
[72] MORTUN, SORIN IOAN, US
[72] PUTORITI, JOHN JOSEPH, US
[71] HUBBELL INCORPORATED, US
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[54] **INHIBITEURS DE FIBROSE A PETITES MOLECULES**
[72] LAIRSON, LUKE, US
[72] CHATTERJEE, ARNAB K., US
[72] BOLLONG, MICHAEL, US
[72] YANG, BAIYUAN, US
[72] SCHULTZ, PETER G., US
[71] THE CALIFORNIA INSTITUTE FOR BIOMEDICAL RESEARCH, US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
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[54] **FOURNITURE D'ASSISTANCE DE MENTOR DANS UN MARCHE INTEGRE**
[72] ROMAN, EDWARD, US
[72] GOOD, FOREST, US
[72] RAMOS, GERALDO, US
[72] ANTUNES, ASSIS, US
[71] PLURALSIGHT, LLC, US
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[54] **WOUND DRESSING**
[54] **PANSEMENT POUR PLAIES**
[72] MOUTON, JACOBUS FREDERICK, ZA
[71] MOUTON, JACOBUS FREDERICK, ZA
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[54] **STRUCTURE ALLONGEE**
[72] COLE, BRADLEY JAMES, AU
[72] GRAHAM, NEIL DERYCK BRAY, AU
[71] Z-FILTER PTY LTD, AU
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[54] **ENDOPROTHESE EXPANSIBLE A BALLONNET**
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[72] HARTMAN, CODY L., US
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[54] **DISPOSITIF ET PROCEDE DE CARACTERISATION DE MATIERES**
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[72] MCLEAN, CHRISTOPHER, AU
[72] TONISSEN, SHANE, AU
[72] SALEEM, SYED KHUSRO, AU
[72] ALLMAN, BRENDAN, AU
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[54] **HIGH VOLTAGE DISCONNECTION TELESCOPIC SWITCHES ISOLATED BY AIR FOR ISOLATED-PHASE BUS**
[54] **INTERRUPTEURS-SECTIONNEURS TELESCOPIQUES A HAUTE TENSION ISOLES PAR AIR POUR BUS A PHASE ISOLEE**
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[54] **MATERIAUX HYBRIDES DE GRAPHENE INDUIT PAR LASER POUR DISPOSITIFS ELECTRONIQUES**
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[72] LI, LEI, US
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[71] WILLIAM MARSH RICE UNIVERSITY, US
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[54] **INTERRUPTEUR SECTIONNEUR TELESCOPIQUE HAUTE TENSION ISOLE A L'AIR AVEC UN CONTACT MOBILE A ALIMENTATION EN PRESSION**
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[71] PORTNOFF, DARIN, CA
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[54] **PROCEDE ET APPAREIL D'ADAPTATION DE DEBIT POUR CODE POLAIRE, ET DISPOSITIF DE COMMUNICATION SANS FIL**
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[54] **SYSTEME ET PROCEDE POUR LA FABRICATION D'UNE BOBINE D'ELECTRO-AIMANT**
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[72] HARRIS, CHAD TYLER, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[72] LAKHANI, ABDUL-KARIM, CA
[72] DAVIS, HARRY, CA
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[54] **OUTIL DE SUIVI BASE SUR UN CAPTEUR POUR ELEMENTS MEDICAUX**
[72] BAI, YANHUI, CA
[72] PIRON, CAMERON, CA
[72] WOOD, MICHAEL, CA
[72] VUONG, THANH, CA
[72] DYER, KELLY, CA
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[54] **ENSEMBLE ET PROCEDE D'AIDE A LA PRISE DE VUES D'OBJETS PRESENTES SUR UN SUPPORT MOBILE ET AMOVIBLE**
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[72] SENTILHES CHOU, GABRIELLE, FR
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[54] **COMPOSITIONS ET PROCEDES D'ADMINISTRATION D'UN AGENT BIO-ACTIF OU D'AGENTS BIO-ACTIFS**
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[72] ATTAR, ISHAY, IL
[72] SHEETRIT, EYAL, IL
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[54] **UTILISATION SYNERGIQUE DE CANNABIS POUR LE TRAITEMENT D'UN MYELOME MULTIPLE**
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[54] **PROCEDE DE SOUDAGE A L'ARC POUR TOLE D'ACIER PLAQUEE DE ZN ET RACCORD SOUDE A L'ARC**
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[72] ASANO, MORITERU, JP
[72] TOMITA, DAISUKE, JP
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[54] **SYSTEMES ET PROCEDES DE MODIFICATION ET DE REGULATION DU GENOME**
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[54] **CHAMBRE DE POUSSEE ISOLEE POUR SECTION DE JOINT ESP**
[72] COLLINS, CHARLES, US
[72] SAKAMOTO, STEPHEN, US
[72] GARCIA, RENE, US
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[54] **AMENDEMENT DE SOL LIGNOCELLULOSIQUE IMPREGNE DE PROBIOTIQUE D'UN PRODUIT D'AMENDEMENT DU SOL LIGNOCELLULOSIQUE ET MILIEU DE CROISSANCE**
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[54] **ATTENUATION D'EFFETS DE BROUTAGE DANS DES OUTILS ROTATIFS ORIENTABLES**
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[72] DEOLALIKAR, NEELESH, US
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[54] **CARACTERISATION DE FORMATION SOUTERRAINE UTILISANT DES DISPOSITIFS A SYSTEMES MICRO-ELECTROMECANIQUES (MEMS)**
[72] GALLIANO, CLINTON CHERAMIE, US
[72] ROWE, MATHEW DENNIS, US
[72] GRAVES, WALTER VARNEY ANDREW, US
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[54] **COMPOSITIONS CONTAINING AMBIENT-TEMPERATURE STABLE, INACTIVATED BUT THERAPEUTICALLY ACTIVE BIOPHARMACEUTICALS & METHODS FOR FORMULATION THEREOF**
[54] **COMPOSITIONS CONTENANT DES PRODUITS BIOPHARMACEUTIQUES INACTIVES MAIS THERAPEUTIQUEMENT ACTIFS, STABLES A TEMPERATURE AMBIANTE ET PROCEDES DE FORMULATION ASSOCIES**
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[71] UNIVERSAL STABILIZATION TECHNOLOGIES, INC., US
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[72] CAKMAK, MUKERREM, US
[72] GUO, YUANHAO, US
[71] THE UNIVERSITY OF AKRON, US
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[54] **MACHINE DE RESURFACAGE DE GLACE REMORQUEE ET PROCEDE D'UTILISATION**
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[72] CHRIST, KEVIN G., US
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[54] **SEPARATEUR CENTRIFUGE**
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[54] **NOUVEAUX DITERPENE GLYCOSIDES, COMPOSITIONS ET PROCEDES DE PURIFICATION**
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[72] BUNDERS, CYNTHIA, US
[71] THE COCA-COLA COMPANY, US
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[54] **COMPOSITIONS COMPRENANT LE 15-HEPE ET METHODES DE TRAITEMENT OU DE PREVENTION DE LA FIBROSE A L'AIDE DE CELLES-CI**
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[72] DUFFY, KEVIN, IE
[72] CLIMAX, JOHN, IE
[71] AFIMMUNE LIMITED, IE
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[54] **PROCEDE POUR LA PRODUCTION D'HEXANETRIOL A PARTIR DE 5-HYDROXYMETHYLFURFURAL**
[72] SOKOLOVSKII, VALERY, US
[72] LAVRENKO, MAYYA, US
[72] HAGEMEYER, ALFRED, US
[72] DIAS, ERIC L., US
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[54] **SYSTEME DE TRAITEMENT PULMONAIRE MODULAIRE**
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[71] AEON RESEARCH AND TECHNOLOGY, LLC, US
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[54] **PASTEURISATION DE PEINTURES, ET PROCEDE DE PASTEURISATION DE PEINTURES**
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[72] SIEGFRIED, DAVID L., US
[72] MARDIS, WILBUR, US
[72] RITZE, JOHN, US
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[54] **SPECIFICATION DETAILLEE DE PROTOCOLE DE DOSAGE**
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[72] FISHER, MATTHEW S., US
[71] LUMINEX CORPORATION, US
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[54] **GENE DE FUSION SYNTHETIQUE UNIVERSEL SOLUBLE AMELIORANT L'ADCC ET TECHNOLOGIE PEPTIDIQUE ET SON UTILISATION**
[72] LI, CHIANG J., US
[72] UNNIRAMAN, SHYAM, US
[71] IGLOBE BIOMEDICAL CO., LTD., CN
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[54] **RADIOSENSIBILITE DE FLUOROPHORES ET UTILISATION D'AGENTS RADIOPROTECTEURS POUR IMAGERIE A DOUBLE MODALITE**
[72] HERNANDEZ, REINIER, US
[72] RIJPKEMA, MARK, US
[72] BOERMAN, OTTO C., US
[72] MCBRIDE, WILLIAM J., US
[72] GOLDENBERG, DAVID M., US
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[54] **PROCEDE ET SYSTEME DE MESURE DE DEBIT DE FLUIDE**
[72] GESTNER, BRIAN, US
[71] SONETER, INC., US
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[54] **ENSEMBLE PLATE-FORME MODULAIRE ET PROCEDE D'ASSEMBLAGE DE PLATE-FORME MODULAIRE**
[72] PRIDHAM, ANDREW, AU
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[54] **COMPOSE ANTIGANGLIOSIDE POUR LE CIBLER LE CANCER ET GENERER DES ANTICORPS**
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[72] TONG, WENYONG, US
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
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[54] **INTERROGATEUR OPTIQUE PERMETTANT DE REALISER UNE INTERFEROMETRIE AU MOYEN DE RESEAUX DE BRAGG SUR FIBRE**
[72] MOORE, BRIAN H., CA
[72] SHAKESPEARE, WALTER JEFFREY, US
[72] WALLACE, PHILLIP WILLIAM, US
[72] HOANG, VIET, CA
[72] CLEMENT, TOM, CA
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[54] **PROCEDE ET SYSTEME DE DETECTION D'ESPACES INTERIEURS POUR GENERER AUTOMATIQUEMENT UNE CARTE DE NAVIGATION**
[72] WU, JAMES, CA
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[72] MACGILLIVRAY, MATT, CA
[71] INNERSPACE TECHNOLOGY INC., CA
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[54] **ENSEMBLE ANTENNE, ANTENNE, ET STATION DE BASE DE PETITE CELLULE**
[72] ZHAO, SHUCHEN, CN
[72] SHI, RONGTAO, CN
[72] DENG, CHANGSHUN, CN
[72] LONG, KE, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **PROCESS FOR FOAMING POLYOLEFIN COMPOSITIONS USING A FLUORORESIN AS A NUCLEATING AGENT**
[54] **PROCEDE POUR LE MOUSSAGE DE COMPOSITIONS DE POLYOLEFINE AU MOYEN D'UNE FLUORORESINE EN TANT QU'AGENT DE NUCLEATION**
[72] SUN, GANGWEI, CN
[72] ESSEGHIR, MOHAMED, US
[72] KMIEC, CHESTER J., US
[72] YING, LEI, CN
[72] SUN, YABIN, CN
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[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **PROCESS FOR FOAMING POLYOLEFIN COMPOSITIONS USING A FLUORORESIN/AZODICARBONAMIDE MIXTURE AS A NUCLEATING AGENT**
[54] **PROCEDE D'EXPANSION DE COMPOSITIONS DE POLYOLEFINE A L'AIDE D'UN MELANGE DE RESINE FLUOREE/AZODICARBONAMIDE A TITRE D'AGENT DE NUCLEATION**
[72] SUN, GANGWEI, CN
[72] ESSEGHIR, MOHAMED, US
[72] KMIEC, CHESTER J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **PROCESS FOR FOAMING POLYOLEFIN COMPOSITIONS USING FLUORORESIN/CITRATE MIXTURE AS NUCLEATING AGENT**
[54] **PROCEDE DE MOUSSAGE DE COMPOSITIONS POLYOLEFINIQUES FAISANT INTERVENIR UN MELANGE DE RESINE FLUOREE ET DE CITRATE COMME AGENT DE NUCLEATION**
[72] SUN, GANGWEI, CN
[72] ESSEGHIR, MOHAMED, US
[72] XU, XIAN MIN, CN
[72] KMIEC, CHESTER J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **USE OF COMPOSITION CONTAINING IRON (II) AMINO ACID CHELATE IN PREPARING DRUG FOR REGULATING AND CONTROLLING FAT METABOLISM**
[54] **UTILISATION D'UNE COMPOSITION CONTENANT DU CHELATE D'ACIDE AMINE DE FER (II) DANS LA PREPARATION D'UN MEDICAMENT DESTINE A REGULER ET A CONTROLER LE METABOLISME DES GRAISSES**
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[72] JAN, HSUN-JIN, CN
[72] FU, CHAI-HUI, CN
[72] CHEN, TSANG-TSE, CN
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[71] PROFEAT BIOTECHNOLOGY CO., LTD., CN
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[54] **PROCEDE ET APPAREIL DE PROTECTION DE CHARGE**
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[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **PROCEDE ET DISPOSITIF DE SECHAGE DE COMBUSTIBLE DE BIOMASSE UTILISANT UNE PLATE-FORME DE VEHICULE MOBILE**
[72] CHEN, YILONG, CN
[72] HU, SHUCHUAN, CN
[72] ZHANG, YANFENG, CN
[71] ZHONGYING CHANGJIANG INTERNATIONAL NEW ENERGY INVESTMENT CO., LTD., CN
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[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UNE FONCTION DE PREVENTION D'ABUS**
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[72] HAYAKAWA, RYOICHI, JP
[72] ITO, ATSUTOSHI, JP
[72] YANO, HIDEKI, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
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[54] **SYSTEME ELECTROTHERMIQUE ADAPTATIF ET VETEMENT ELECTROTHERMIQUE**
[72] HUNG, YUEN, CN
[72] SUM, HO MAN, CN
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[54] **COMPOSITE PREFORM, COMPOSITE CONTAINER, COMPOSITE PREFORM, PLASTIC MEMBER, AND METHOD FOR PRODUCING COMPOSITE CONTAINER**
[54] **PREFORME COMPOSITE, RECIPIENT COMPOSITE, PREFORME COMPOSITE, ELEMENT EN PLASTIQUE ET PROCEDE DE PRODUCTION D'UN RECIPIENT COMPOSITE**
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[72] SUGA, YUSUKE, JP
[71] DAI NIPPON PRINTING CO., LTD., JP
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[72] MATSUMOTO, MISAKO, JP
[71] NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY, JP
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[54] **RADIATEUR DEPLOYABLE POUR SATELLITE STABILISE TROIS AXES**
[72] LEMAIRE, JEROME, FR
[72] MIEGEVILLE, YANN, FR
[71] CENTRE NATIONAL D'ETUDES SPATIALES CNES, FR
[71] AIRBUS DEFENCE AND SPACE SAS, FR
[71] THALES, FR
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[54] **PROCEDE ET SYSTEME TEMPORELS ET LOCAUX DE DIFFUSION PAR L'INTERMEDIAIRE D'UN RESEAU POSTE-A-POSTE**
[72] CHEN, JACK, US
[72] BUTLER, CIMON, US
[72] COZZA, LUCA, US
[72] KUMAR, SUMIT, IN
[72] UPADHYAY, ALOK, IN
[72] CHAND, SUBHASH, IN
[71] LOUD-HAILER, INC., US
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[54] **METHOD AND APPARATUS FOR UTILIZATION OF PLASTIC AND OTHER WASTE MATERIALS**
[54] **METHODE ET APPAREIL D'UTILISATION DE PLASTIQUE ET D'AUTRES MATERIAUX DECHETS**
[72] GELENCSER, GABOR, HU
[71] GELENCSER, GABOR, HU
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[25] EN
[54] **METHOD OF PROVIDING ELECTRICAL CONDUCTIVITY PROPERTIES IN BIOCOMPOSITE MATERIALS**
[54] **PROCEDE PERMETTANT DE CONFERER DES PROPRIETES DE CONDUCTIVITE ELECTRIQUE A DES MATERIAUX BIOCOMPOSITES**
[72] HENRY, JAMES, CA
[72] PANIGRAHI, SATYANARAYAN, CA
[72] LAL KUSHWAHA, RADHEY, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **ESSAI A RESEAU DE BILLES MULTIPLEX**
[72] DOU, JAMES JIAHUA, CA
[72] CHEN, LU, CA
[72] FRASER, JAMES ANDREW, CA
[72] NAYYAR, RAKESH KUMAR, CA
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[72] SINGH, PARAMJIT, CA
[72] STENGLER, MATTHEW, CA
[71] THULE CANADA INC., CA
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[54] **MECANISMES DE VERROUILLAGE D'ACCESSOIRE DE VEHICULE DE TRANSPORT**
[72] FLEMING, WESLEY JUSTIN, CA
[72] STENGLER, MATTHEW, CA
[71] THULE CANADA INC., CA
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[54] **PRODUIT DE COUVERTURE, DE BARDAGE OU DE PAREMENT**
[72] BUCKINGHAM, SAMUEL GWYNN, NZ
[72] MCKEE, JOHN WASON, NZ
[72] HAYNES, ANDREW LEO, NZ
[72] WINTON, JAMES ROBERT, NZ
[71] ZINNIATEK LIMITED, NZ
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[54] **CARTOUCHE, ELEMENT DE CONFIGURATION DE CARTOUCHE, ET DISPOSITIF DE FORMATION D'IMAGE**
[72] SATO, MASAAKI, JP
[72] KUBO, YUKIO, JP
[72] MUNETSUGU, HIROYUKI, JP
[72] WADA, KOJI, JP
[71] CANON KABUSHIKI KAISHA, JP
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[54] **OZONISEUR**
[72] NAKATANI, HAJIME, JP
[72] TAKAUCHI, DAISUKE, JP
[72] HIRANABE, NAOKI, JP
[72] ODAI, YOSHIAKI, JP
[72] YOSHIDA, TOSHIHIRO, JP
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[54] **GAZEIFIEUR A LIT MOBILE ET ROTATIF POUR LA PRODUCTION DE CHARBON A HAUTE TENEUR EN CARBONE**
[72] THEISSEN, RANDALL J., US
[72] THEISSEN, LA VOY M., JR., US
[71] AG BIO-POWER L.C., US
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[72] ARNOLD, OFER, IL
[72] SHARON, SIMON, IL
[72] GLOZMAN, DANIEL, IL
[71] XACT ROBOTICS LTD., IL
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[54] **CUSTOMIZING THIRD-PARTY CONTENT USING BEACONS ON ONLINE SOCIAL NETWORKS**
[54] **PERSONNALISATION D'UN CONTENU TIERS A L'AIDE DE BALISES SUR DES RESEAUX SOCIAUX EN LIGNE**
[72] LEBEAU, MICHAEL JAMES, US
[72] LESSIN, SAMUEL WHARTON, US
[72] SHIMONI, AMIR, US
[72] BARILLARI, JOSEPH DAVID, US
[72] MODI, MANISH, US
[72] MURILLO, ARLENE GABRIANA, US
[72] NIEWCZAS, MATEUSZ MAREK, US
[72] KALINOWSKI, CAITLIN E., US
[71] FACEBOOK, INC., US
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[54] **GENERATING USER NOTIFICATIONS USING BEACONS ON ONLINE SOCIAL NETWORKS**
[54] **GENERATION DE NOTIFICATIONS D'UTILISATEUR A L'AIDE DE BALISES SUR DES RESEAUX SOCIAUX EN LIGNE**
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[72] LESSIN, SAMUEL WHARTON, US
[72] BARILLARI, JOSEPH DAVID, US
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[54] **SYSTEME ET PROCEDE D'ENREGISTREMENT DE MODELE**
[72] BEN-YISHAI, RANI, IL
[72] BARAK, LIOR, IL
[71] ELBIT SYSTEMS LTD., IL
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[54] **GEOPHONE A VERROUILLAGE A DOUBLE NOYAU**
[72] NIEMAR, R., CN
[72] HUANG, WEI HSUAN, SG
[72] TEH, YEE SIANG, SG
[72] YAN, YONGAN, CN
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ANALYSEUR DE PERFORMANCES EN TEMPS REEL PENDANT DES OPERATIONS DE FORAGE**
[72] TOTI, GIULIA, US
[72] YU, PETER C., US
[72] WESLEY, AVINASH, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **SEPARATEUR AERODYNAMIQUE A RECYCLAGE DE PRODUITS EN VRAC**
[72] KOSTRUBIAK, OLENA, UA
[71] KOSTRUBIAK, OLENA, UA
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[54] **COEXPRESSION PLASMID**
[54] **PLASMIDE DE COEXPRESSION**
[72] KOSEKI, KOICHI, JP
[72] SHIOYA, KOICHIRO, JP
[72] KOBAYASHI, SATOSHI, JP
[72] SHIMATANI, YUKO, JP
[72] MASAKI, TAKESHI, JP
[72] SHIMIZU, HITOMI, JP
[72] MATSUMURA, TOMIO, JP
[72] OKABE, MASAMI, JP
[72] INOUE, KENGO, JP
[71] ANAEROPHARMA SCIENCE, INC., JP
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[54] **SIMULATION D'ONDE ELASTIQUE SISMIQUE POUR MILIEU TRANSVERSALEMENT ISOTROPE INCLINE A L'AIDE DE GRILLE DECALEE DE LEBEDEV ADAPTATIVE**
[72] JIANG, FAN, US
[72] JIN, SHENGWEN, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **CURRENT SPLITTER FOR LED LIGHTING SYSTEM**
[54] **DIVISEUR DE COURANT POUR SYSTEME D'ECLAIRAGE A LED**
[72] YADAV, PRITAM, US
[72] WEEKS, T. WARREN, JR., US
[72] RECTOR, DAVID JOHN, US
[72] WERR, MARTIN C., US
[72] MACKEY, ANTHONY MICHAEL, US
[72] RHODES, BRUCE ROBESON, US
[71] HUBBELL INCORPORATED, US
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[54] **POROUS COMPOSITE, BONE REGENERATION MATERIAL, AND METHOD FOR PRODUCING POROUS COMPOSITE**
[54] **CORPS COMPOSITE POREUX, MATERIAU DE REGENERATION OSSEUSE ET PROCEDE DE PRODUCTION DE CORPS COMPOSITE POREUX**
[72] IWAI, ATSUSHI, JP
[72] KAJII, FUMIHIKO, JP
[72] TANAKA, HIDENORI, JP
[71] TOYOBO CO., LTD., JP
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[54] **A RUBBER COMPOSITION**
[54] **COMPOSITION DE CAOUTCHOUC**
[72] FUKASAWA, HIROKO, JP
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
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[54] **VEHICULE UTILITAIRE**
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[72] SCHLANGEN, ADAM J., US
[72] NUGTEREN, DANIEL J., US
[72] BJERKETVEDT, ERIC D., US
[72] RIPLEY, ANTHONY J., US
[72] JENNI, HANS-RUDOLF, CH
[72] LAFATA, JOHN, US
[72] HURD, CHRISTOPHER J., US
[72] JAEGER, RICKY G., US
[72] DECKARD, AARON D., US
[72] WENGER, URS, CH
[72] SCHLEIF, ANDREW C., US
[72] NELSON, STEPHEN L., US
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[54] **METHOD OF PRODUCING LIGNIN WITH REDUCED AMOUNT OF ODOROUS SUBSTANCES**
[54] **PROCEDE DE PRODUCTION DE LIGNINE PRESENTANT UNE QUANTITE REDUITE DE SUBSTANCES ODORANTES**
[72] ALVARADO, FERNANDO, SE
[72] TOMANI, PER, SE
[71] INNVENTIA AB, SE
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[54] **BEARING APPARATUS INCLUDING A BEARING ASSEMBLY HAVING A CONTINUOUS BEARING ELEMENT AND A TILTING PAD BEARING ASSEMBLY**
[54] **DISPOSITIF DE PALIER COMPRENANT UN ENSEMBLE PALIER POSSEDANT UN ELEMENT DE PALIER CONTINU ET UN ENSEMBLE PALIER A PATINS OSCILLANTS**
[72] GONZALEZ, JAIR J., US
[72] LEITE, LEONIDAS C., US
[72] VENKATESAN, SRIRAM, US
[71] US SYNTHETIC CORPORATION, US
[71] WAUKESHA BEARINGS CORPORATION, US
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[54] **SACRIFICIAL ANODE CONSTRUCTION INCLUDING A WIRE FOR CONNECTION TO A STEEL MEMBER IN CONCRETE FOR CATHODIC PROTECTION**
[54] **CONSTRUCTION D'ANODE SACRIFICIELLE COMPRENANT UN FIL PERMETTANT LA CONNEXION A UN ELEMENT EN ACIER DANS DU BETON SERVANT A LA PROTECTION CATHODIQUE**
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[54] **FITTINGS FOR A BOX SPRING**
[54] **RACCORDS POUR SOMMIER TAPISSIER**
[72] SCARLESKI, WILLIAM J., US
[71] LEVITATION SCIENCES LLC, US
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[54] **SYSTEME DE STOCKAGE DE CAMION**
[72] SMITH, TIMOTHY RAYMOND, US
[72] PETERS, JAKE, US
[72] MELLER, LANCE, US
[72] HATTRUP, MIKE, US
[72] ROTHWELL, DYLAN, US
[72] MUSTON, SHAUN CHRISTOPHER, US
[72] HOPKINS, JEFFREY SAMUEL, US
[71] DECKED LLC, US
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[54] **APPAREIL DE VERIFICATION DE NIVEAU DE FLUIDE**
[72] WECH, MICHAEL J., US
[71] OIL-RITE CORPORATION, US
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[54] **TIRE UNIFORMITY TESTING SYSTEM**
[54] **SYSTEME DE CONTROLE DE L'UNIFORMITE DE PNEUS**
[72] MATUSZNY, RICHARD, US
[72] FEMEC, ALEX ANTON, US
[72] KRIEGER, RICH, US
[72] RYDER, JOHN C., US
[71] MICRO-POISE MEASUREMENT SYSTEMS, LLC, US
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[54] **BARBECUE GRILL ACCESSORY AND METHOD FOR PREPARING FOOD**
[54] **ACCESSOIRE DE BARBECUE ET PROCEDE POUR LA PREPARATION D'ALIMENTS**
[72] PARRISH, MICHAEL DAVID, US
[72] LYONS, AARON MICHAEL, US
[71] ADRENALINE BARBECUE COMPANY, LLC, US
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[54] **SYSTEMES ET METHODES DE MODULATION DE NERFS OU D'AUTRES TISSUS**
[72] VRBA, ANTHONY CIRO, US
[72] SMITH, SCOTT RAYMOND, US
[72] AZAMIAN, BOBAK ROBERT, US
[72] VAFAI, SCOTT BRADLEY, US
[72] COE, JONATHAN ALLEN, US
[72] HANSEN, JAMES G., US
[72] HYKES, KEVIN ROBERT, US
[72] MCCRYSTLE, KELLY JUSTIN, US
[72] MOTTA, ROSSANA, US
[72] PERRY, MICHAEL DAVID, US
[72] SUN, VICTOR KELVIN, US
[72] WEBSTER, MARK WILSON IAN, NZ
[72] REULAND, ERIC ROBERT, US
[71] METAVENTION, INC., US
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[54] **DATA STREAM PROCESSING LANGUAGE FOR ANALYZING INSTRUMENTED SOFTWARE**
[54] **LANGAGE DE TRAITEMENT DE FLUX DE DONNEES POUR L'ANALYSE DE LOGICIEL INSTRUMENTE**
[72] RAMAN, RAJESH, US
[72] MUKHERJI, ARIJIT, US
[72] GRANDY, KRIS, US
[72] LIU, PHILLIP, US
[71] SIGNALFX, INC., US
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[54] **METHOD AND SYSTEM FOR IMPROVING A PHYSIOLOGICAL RESPONSE**
[54] **PROCEDE ET SYSTEME POUR AMELIORER UNE REPONSE PHYSIOLOGIQUE**
[72] ASHDOWN, LUKE, AU
[72] TRENTON, DANIEL, AU
[71] LIFECYCLE TECHNOLOGIES PTY LTD, AU
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[54] **CELLULES DE BATTERIE A POCHE UNIQUE ET PROCEDES DE FABRICATION**
[72] OTA, NAOKI, US
[72] BAZZARELLA, RICARDO, US
[72] TAN, TAISON, US
[72] FUKUSHIMA, TAKAAKI, JP
[71] 24M TECHNOLOGIES, INC., US
[71] FUKUSHIMA, TAKAAKI, JP
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[54] **SYSTEMS AND METHODS FOR PROVIDING CUSTOMIZED VIRTUAL WIRELESS NETWORKS BASED ON SERVICE ORIENTED NETWORK AUTO-CREATION**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR DES RESEAUX SANS FIL VIRTUELS PERSONNALISES SUR LA BASE D'UNE CREATION AUTOMATIQUE DE RESEAU ORIENTE SERVICES**
[72] SENARATH, NIMAL GAMINI, CA
[72] DAO, NGOC-DUNG, CA
[72] FARMANBAR, HAMIDREZA, CA
[72] LI, XU, CA
[72] VRZIC, SOPHIE, CA
[72] ZHANG, HANG, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **DECISION SUPPORT TOOL FOR STROKE PATIENTS**
[54] **OUTIL D'AIDE A LA DECISION POUR PATIENTS ATTEINTS D'ACCIDENT VASCULAIRE CEREBRAL**
[72] MENON, BIJOY K., CA
[72] GOYAL, MAYANK, CA
[72] LEE, TING-YIM, CA
[72] AHN, SEONG HWAN, KR
[72] DEMCHUK, ANDREW MICHAEL, CA
[72] HILL, MICHAEL DOUGLAS, CA
[71] QUIKFLO TECHNOLOGIES INC., CA
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[54] **SYSTEMES ET PROCEDES PERMETTANT UNE RECUPERATION D'INFORMATIONS A PARTIR DE PAQUETS DE VERSION DE REDONDANCE**
[72] GUO, JIMING, US
[72] LIU, XIAOHUI, US
[72] PARK, CHEOL HEE, US
[72] SHAH, CHINTAN SHIRISH, US
[72] SHAHIDI, REZA, US
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[54] **THERAPEUTIC COMPOSITIONS COMPRISING TRANSCRIPTION FACTORS AND METHODS OF MAKING AND USING THE SAME**
[54] **COMPOSITIONS THERAPEUTIQUES COMPRENANT DES FACTEURS DE TRANSCRIPTION ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] WILLENBRING, HOLGER, US
[72] DUMONT, LAURE, US
[72] MALATO, YANN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-05-26
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[54] **ARCHITECTURE DE SATELLITE DE TELECOMMUNICATIONS**
[72] HACHE, RAPHAEL, FR
[72] TRANCART, BRUNO, FR
[72] WALKER, ANDREW, FR
[71] AIRBUS DEFENCE AND SPACE SAS, FR
[71] THALES, FR
[71] CENTRE NATIONAL D'ETUDES SPATIALES CNES, FR
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[54] **METHOD OF COLORING BIOCOMPOSITE MATERIALS**
[54] **PROCEDE DE COLORATION DE MATERIAUX BIOCOMPOSITES**
[72] HENRY, JAMES, CA
[72] PANIGRAHI, SATYANARAYAN, CA
[72] LAL KUSHWAHA, RADHEY, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **METHOD FOR INCREASING ADHESION BETWEEN A CHROMIUM SURFACE AND A LACQUER**
[54] **PROCEDE PERMETTANT D'AUGMENTER L'ADHERENCE ENTRE UNE SURFACE DE CHROME ET UN VERNIS-LAQUE**
[72] PFIRRMANN, CHRISTINA, DE
[72] WACHTER, PHILIPP, DE
[72] HARTMANN, PHILIP, DE
[72] BORN, NANCY, DE
[72] UMARAN, JUAN-CARLOS, DE
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[54] **SYSTEME DE VERROUILLAGE DE PORTE MULTIPOINTS**
[72] GUILLEMETTE, CHRISTIAN, CA
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[54] **COMPOSITIONS PRESENTANT UN EFFET D'INHIBITION DE L'UREASE AMELIORE COMPRENANT DU TRIAMIDE D'ACIDE (THIO)PHOSPHORIQUE ET AUTRES COMPOSES TELS QUE AMINES ET COLORANTS**
[72] SCHMID, MARKUS, DE
[72] ZERULLA, WOLFRAM, DE
[72] PASDA, GREGOR, DE
[72] WISSEMEIER, ALEXANDER, DE
[72] LANG, TOBIAS, DE
[72] SCHNEIDER, KARL-HEINRICH, DE
[72] BAAN, ZOLTAN, DE
[72] STAAL, MAARTEN, DE
[72] ALTENHOFF, ANSGAR GEREON, DE
[72] MOLAWI, KIAN, DE
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[72] NIPANIKAR, SANJAY, IN
[72] KANJILAL, ANISHA, IN
[72] KANJILAL, SANJEEVAN, IN
[71] ARI HEALTHCARE PVT. LTD., IN
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[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE GAZ EFFLUENT**
[72] HIRATA, TAKUYA, JP
[72] NAGAYASU, HIROMITSU, JP
[72] UEDA, YASUTOSHI, JP
[72] NOBORISATO, TOMOKI, JP
[72] TANAKA, TAKAO, JP
[72] KATO, MASAYA, JP
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[54] **SYSTEME DE VERROUILLAGE MECANIQUE POUR PANNEAUX DE PLANCHER**
[72] PERVAN, DARKO, SE
[71] CERALOC INNOVATION AB, SE
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[25] EN
[54] **PRODUCTION PROCESS OF CRYSTAS OF DIAZABICYCLOOCTANE DERIVATIVE AND STABLE LYOPHILIZED PREPARATION**
[54] **PROCEDE POUR LA PRODUCTION DE CRISTAUX ET D'UNE PREPARATION LYOPHILISEE STABLE D'UN DERIVE DU DIAZABICYCLOOCTANE**
[72] OGAWA, TAKAYA, JP
[72] YOKOYAMA, TAKUYA, JP
[72] FURUYAMA, SHUSUKE, JP
[72] ICHIKI, MASATO, JP
[72] FUSHIHARA, KENICHI, JP
[71] MEIJI SEIKA PHARMA CO., LTD., JP
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[54] **IONIC CONDUCTOR AND METHOD FOR PRODUCING THE SAME**
[54] **CONDUCTEUR D'IONS ET SON PROCEDE DE PRODUCTION**
[72] NOGAMI, GENKI, JP
[72] TANIGUCHI, MITSUGU, JP
[72] UNEMOTO, ATSUSHI, JP
[72] MATSUO, MOTOAKI, JP
[72] ORIMO, SHINICHI, JP
[71] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
[71] TOHOKU TECHO ARCH CO., LTD., JP
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[54] **PRIMITIVE GUT ENDODERM CELLS AND METHOD FOR PRODUCING SAME**
[54] **CELLULES PRIMITIVES D'ENDODERME D'INTESTIN ET LEUR PROCEDE DE PRODUCTION**
[72] TAKEBE, TAKANORI, JP
[72] TANIGUCHI, HIDEKI, JP
[72] ZHANG, RAN RAN, JP
[71] PUBLIC UNIVERSITY CORPORATION YOKOHAMA CITY UNIVERSITY, JP
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[54] **DISPOSITIF DE CHAUFFAGE DE LIQUIDE LAVE-GLACE**
[72] SATO, HIDENORI, JP
[71] MURAKAMI CORPORATION, JP
[85] 2017-05-29
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[54] **PHARMACEUTICAL PREPARATION OF CAMPTOTHECIN-CONTAINING POLYMER DERIVATIVE**
[54] **PREPARATION PHARMACEUTIQUE A BASE D'UN DERIVE DE POLYMERE CONTENANT DE LA CAMPTOTHECINE**
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[72] AOKI, SHIN, JP
[71] NIPPON KAYAKU KABUSHIKI KAISHA, JP
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[54] **METHOD, DEVICE AND KIT FOR MASS CULTIVATION OF CELLS USING POLYIMIDE POROUS MEMBRANE**
[54] **PROCEDE, DISPOSITIF ET KIT DE CULTURE CELLULAIRE INTENSIVE UTILISANT UNE MEMBRANE POREUSE DE POLYIMIDE**
[72] HAGIHARA, MASAHIKO, JP
[72] SHIMIZU, MOTOHISA, JP
[72] WADA, YUKINORI, JP
[71] UBE INDUSTRIES, LTD., JP
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[54] **STRUCTURE DE COMMUTATION POUR CONNEXION ENTRE CADRE COULISSANT EN METAL POUR DISPOSITIF DE BUSE COULISSANTE ET DISPOSITIF D'ENTRAINEMENT**
[72] IMAHASE, TOSHIHIRO, JP
[72] FUNATO, JUNICHI, JP
[71] KROSAKIHARIMA CORPORATION, JP
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[54] **METHOD FOR PRODUCING A CARBON HOLLOW FIBER MEMBRANE**
[54] **PROCEDE DE PRODUCTION DE MEMBRANE DE FIBRES CREUSES DE CARBONE**
[72] WATANABE, KENSUKE, JP
[72] YAMAMOTO, HIROKAZU, JP
[71] NOK CORPORATION, JP
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[54] **THICK-WALLED HIGH-TOUGHNESS HIGH-STRENGTH STEEL PLATE AND METHOD FOR MANUFACTURING THE SAME**
[54] **TOLE D'ACIER EPAISSE DE HAUTE TENACITE ET DE HAUTE RESISTANCE, ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] KITSUYA, SHIGEKI, JP
[72] ICHIMIYA, KATSUYUKI, JP
[72] HASE, KAZUKUNI, JP
[71] JFE STEEL CORPORATION, JP
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[54] **ASPIRATEUR ELECTRIQUE**
[72] IZAWA, HIROKAZU, JP
[72] MARUTANI, YUUKI, JP
[72] WATANABE, KOTA, JP
[72] FURUTA, KAZUHIRO, JP
[71] TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION, JP
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[72] SOLAZZO, ANTHONY, US
[72] HEFLICH, HEBERT, US
[72] VAILLANCOURT, MICHAEL, US
[71] PATIENT WELLNESS MONITOR LLC, US
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[54] **APPAREIL D'EMBALLAGE D'OREILLERS A AGENCEMENT HORIZONTAL ET PROCEDE D'EMBALLAGE D'OREILLERS A AGENCEMENT HORIZONTAL**
[72] NOMURA, MITSUO, JP
[71] NISSHIN SEIFUN GROUP INC., JP
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[54] **INSTRUMENT MEDICAL COMPRENANT UN CAPTEUR DESTINE A ETRE UTILISE DANS UN SYSTEME ET PROCEDE DE NAVIGATION ELECTROMAGNETIQUE**
[72] GREENBURG, BENJAMIN, IL
[72] PETERSON, ALEX A., US
[72] SERDAR, DAVID J., US
[72] COSTELLO, DAVID M., US
[71] COVIDIEN LP, US
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[54] **RAISING/LOWERING CONVEYANCE APPARATUS FOR ARTICLE CONVEYING CONTAINER**
[54] **APPAREIL DE TRANSPORT A ELEVATION/ABAISSEMENT POUR RECIPIENT DE TRANSFERT D'ARTICLES**
[72] MIYOSHI, KAZUHIKO, JP
[72] HAMAGUCHI, JUN, JP
[72] INABA, MASATO, JP
[71] DAIFUKU CO., LTD., JP
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[25] EN
[54] **SILYBIN INJECTION AND PREPARATION METHOD THEREFOR**
[54] **INJECTION DE SILIBININE ET SON PROCEDE DE FABRICATION**
[72] CHEN, JIANMING, CN
[72] GAO, BAOAN, CN
[72] ZHOU, QINQIN, CN
[72] ZHOU, SHUIPING, CN
[72] CAI, NAN, CN
[72] ZHANG, YUANSHENG, CN
[72] WU, CHAN, CN
[72] YU, NONG, CN
[72] CHEN, LINA, CN
[72] LIU, WENLI, CN
[71] TASLY PHARMACEUTICAL GROUP CO., LTD., CN
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[54] **MESSAGE BROKER SYSTEM WITH PARALLEL PERSISTENCE**
[54] **SYSTEME DE COURTIER DE MESSAGES AVEC PERSISTANCE PARALLELE**
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[72] CANLI, TURKMEN, US
[72] HODA, SAHIR, US
[71] INFORMATICA LLC, US
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[54] **DRILL STRING APPARATUS WITH INTEGRATED ANNULAR BARRIER AND PORT COLLAR, METHODS, AND SYSTEMS**
[54] **APPAREIL DE TRAIN DE TIGES FORAGE COMPORTANT UNE BARRIERE ANNULAIRE INTEGREE ET UN COLLIER D'ORIFICE, PROCEDES, ET SYSTEMES**
[72] JEREZ, HERNANDO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PROCEDES ET COMPOSITIONS ASSOCIES A DES POLYPEPTIDES FONCTIONNELS INTEGRES DANS DES SQUELETTES PROTEIQUES HETEROLOGUES**
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[54] **SYSTEMES ET PROCEDES D'ESTIMATION DE FORCES SUR UN TREPAN**
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[54] **SYSTEMES ET PROCEDES POUR UN ENVIRONNEMENT DE CINEMA D'IMMERSION AVEC ECRANS DYNAMIQUES**
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[54] **PLACEMENT D'ELECTRODE ET SYSTEME DE TRAITEMENT ET PROCEDE POUR LES UTILISER**
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[72] RATIU, FLORIN, US
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[54] **SURFACES D'OUTIL DE FOND DE TROU CONFIGUREES DE MANIERE A REDUIRE LES FORCES DE TRAINEE ET L'EROSION PENDANT L'EXPOSITION A L'ECOULEMENT DE FLUIDE**
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[54] **CARACTERISATION D'UNE FORMATION SOUTERRAINE A L'AIDE DE DISPOSITIFS A SYSTEME MICROELECTROMECANIQUE (MEMS)**
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[72] ROWE, MATHEW DENNIS, US
[72] GRAVES, WALTER VARNEY ANDREW, US
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[54] **EMISSION D'UN CERTIFICAT NUMERIQUE DE COURTE DUREE BASEE SUR UNE VALIDATION DE CERTIFICAT NUMERIQUE DE LONGUE DUREE**
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[54] **AGENT RETARDATEUR DE FLAMMES, ET UTILISATIONS DE L'AGENT RETARDATEUR DE FLAMMES**
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[72] MCPHERSON, ANDREW E., US
[72] TOPINKA, JOHN B., US
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[54] **APPAREIL POUR TOURNER ET PLACER DES PRODUITS**
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[54] **SYSTEME ET PROCEDE POUR L'IMAGERIE PAR SPECTROMETRIE DE MASSE AMELIOREE**
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[54] **SYSTEMES ET PROCEDES POUR IMAGERIE ECHOGRAPHIQUE COMPACTE A TRES HAUTE RESOLUTION**
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[54] **PROCEDE, DISPOSITIF D'ACCES SANS FIL, ET EQUIPEMENT UTILISATEUR DE TRANSMISSION D'INFORMATIONS**
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[54] **METHOD FOR PRODUCING COMPOSITE BODY OF LITHIUM TITANATE PARTICLES AND CARBONACEOUS MATERIAL, AND COMPOSITE BODY OF LITHIUM TITANATE PARTICLES AND CARBONACEOUS MATERIAL**
[54] **PROCEDE DE PRODUCTION DE CORPS COMPOSITE DE PARTICULES DE TITANATE DE LITHIUM ET D'UN MATERIAU CARBONE, ET CORPS COMPOSITE DE PARTICULES DE TITANATE DE LITHIUM ET D'UN MATERIAU CARBONE**
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[54] **MODULE DE DEGAZAGE A FIBRES CREUSES ET IMPRIMANTE A JET D'ENCRE**
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[72] OI, KAZUMI, JP
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[54] **MODIFICATION D'ANGLE D'INCLINAISON MAGNETIQUE A L'AIDE D'UN MATERIAU MAGNETIQUEMENT ANISOTROPE**
[72] PAN, LI, US
[72] WANG, CHAO-FU, US
[72] HUANG, WEI HSUAN, US
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[54] **DISPOSITIF ET PROCEDE POUR LA REDUCTION DU TARTRE DANS UNE ZONE D'EAU STAGNANTE D'UN CONDUIT DE FLUIDE**
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[54] **COMPOSITIONS D'INHIBITEUR DE TRANS-SIGNALISATION PAR L'IL-6 SELECTIF**
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[54] **SYSTEME D'AVERTISSEMENT ET DE COMMUNICATION DE FOURNITURE DE GAZ**
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[54] **OUTILS ET METHODES DE DEPLACEMENT DE TISSU**
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[72] TRADEWELL, MICHAEL BENNETT, US
[72] NELSON, ERIK JULIAN, US
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[72] KRAMER, RACHEL MARIE, US
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[25] EN
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[54] **METHODS AND SYSTEMS EMPLOYING FIBER OPTIC SENSORS FOR ELECTROMAGNETIC CROSS-WELL TELEMETRY**
[54] **PROCEDES ET SYSTEMES UTILISANT DES CAPTEURS A FIBRE OPTIQUE POUR UNE TELEMETRIE DE PUITS CROISE ELECTROMAGNETIQUE**
[72] WILSON, GLENN A., US
[72] DONDERICI, BURKAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHODS AND SYSTEMS EMPLOYING FIBER OPTIC SENSORS FOR RANGING**
[54] **PROCEDES ET SYSTEMES EMPLOYANT DES CAPTEURS A FIBRES OPTIQUES POUR TELEMETRIE**
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[72] DONDERICI, BURKAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **FORMATION LOGGING USING MULTICOMPONENT SIGNAL-BASED MEASUREMENT OF ANISOTROPIC PERMITTIVITY AND RESISTIVITY**
[54] **DIAGRAPHIE DE FORMATION UTILISANT LA MESURE A BASE DE SIGNAUX A PLUSIEURS COMPOSANTES DE PERMITTIVITE ET DE RESISTIVITE ANISOTROPES**
[72] EWE, WEI-BIN, US
[72] WU, HSU-HSIANG, US
[72] DONDERICI, BURKAY, US
[72] CHEMALI, ROLAND E., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **MUD PULSE TELEMETRY DEMODULATION USING A PUMP NOISE ESTIMATE OBTAINED FROM ACOUSTIC OR VIBRATION DATA**
[54] **DEMODULATION DE TELEMETRIE PAR IMPULSIONS DANS LA BOUE A L'AIDE D'UNE ESTIMATION DE BRUIT DE POMPE OBTENUE A PARTIR DE DONNEES ACOUSTIQUES OU DE VIBRATIONS**
[72] MARSH, LABAN M., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **HYDRAZIDE-BASED CURING AGENTS FOR USE IN SUBTERRANEAN OPERATIONS**
[54] **AGENTS DURCISSEURS A BASE D'HYDRAZIDE DESTINES A ETRE UTILISES DANS DES OPERATIONS SOUTERRAINES**
[72] KELLUM, MATTHEW GRADY, US
[72] HUNDT, GREGORY ROBERT, US
[72] JONES, PAUL JOSEPH, US
[72] KARCHER, JEFFREY DWANE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **INTELLIGENT SEA WATER COOLING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE INTELLIGENTS DE REFROIDISSEMENT DE L'EAU DE MER**
[72] YIN, DAN, US
[72] WERNER, STEFAN, DE
[72] MARTIN, CHRISTIAN, DE
[72] HOFFMAN, MARTIN, DE
[72] MCKINSTRY, DAVID, US
[71] IMO INDUSTRIES, INC., US
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[54] **SYSTEM AND METHOD FOR MOBILE DEVICE BIOMETRIC ADD-ON**
[54] **SYSTEME ET PROCEDE POUR ADJONCTION BIOMETRIQUE DE DISPOSITIF MOBILE**
[72] PERNA, STEVEN N., US
[72] MAPEN, BARRY E., US
[72] ACKERMAN, DAVID ALAN, US
[71] PRINCETON IDENTITY, INC., US
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[54] **EQUIPMENT SAFETY MANAGEMENT DEVICE, EQUIPMENT SAFETY MANAGEMENT METHOD, AND NATURAL GAS LIQUEFACTION DEVICE**
[54] **DISPOSITIF ET PROCEDE DE GESTION DE SECURITE D'EQUIPEMENT ET DISPOSITIF DE LIQUEFACTION DE GAZ NATUREL**
[72] SHIMIZU, YASUNORI, JP
[72] WATANABE, TSUNEO, JP
[71] CHIYODA CORPORATION, JP
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[54] **UTILISATION DE 2-METHYLENE-19-NOR-(20S)-1?,25-DIHYDROXYVITAMINE D3 POUR TRAITER L'HYPERPARATHYROIDIE SECONDAIRE**
[72] DELUCA, HECTOR F., US
[72] PLUM, LORI A., US
[72] CLAGETT-DAME, MARGARET, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
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[54] **MICRO-ARN ACTIF MIR 122*, COMPOSITIONS LE COMPORTANT ET UTILISATIONS CORRESPONDANTES**
[72] GILADI, HILLA, IL
[72] SIMERZIN, ALINA, IL
[72] HANTZ, YAEL, IL
[72] ARBEL ALON, SAGIT, IL
[72] GALUN, EITHAN, IL
[71] HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD., IL
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[54] **USE OF IMMUNE CHECKPOINT INHIBITORS IN CENTRAL NERVOUS SYSTEMS NEOPLASMS**
[54] **UTILISATION D'INHIBITEURS DE POINTS DE CONTROLE IMMUNITAIRES DANS DES NEOPLASMES DU SYSTEME NERVEUX CENTRAL**
[72] CORIC, VLADIMIR, US
[72] CHENG, SHINTA, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **CONTENT ADVISORY RATINGS INFORMATION**
[54] **INFORMATIONS D'EVALUATIONS POUR LE CONSEIL DE CONTENU**
[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
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[54] **FLOW METER CONFIGURATION AND CALIBRATION**
[54] **ETALONNAGE ET CONFIGURATION DE DEBITMETRE**
[72] GESTNER, BRIAN, US
[72] MESS, FRANCIS M., US
[72] LEADERS, JEFFREY L., US
[71] SONETER, INC., US
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[54] **SYSTEME DE COMMUNICATION MULTIPORTEUSE**
[72] HALEY, DAVID VICTOR LAWRIE, AU
[72] COWLEY, WILLIAM GEORGE, AU
[72] BUETEFUER, JOHN LAWRENCE, AU
[72] GRANT, ALEXANDER JAMES, AU
[72] LECHNER, GOTTFRIED, AU
[72] POLLOK, ANDRE, AU
[72] MCKILLIAM, ROBERT GEORGE, AU
[72] LAND, INGMAR RUDIGER, AU
[72] LAVENANT, MARC PIERRE DENIS, AU
[72] CHENG, YING, AU
[71] UNIVERSITY OF SOUTH AUSTRALIA, AU
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[54] **SPECTACLE LENS AND SPECTACLES**
[54] **VERRE DE LUNETTES ET LUNETTES**
[72] OGO, YOICHI, JP
[72] NISHIMOTO, KEIJI, JP
[72] OGAWA, NAOMI, JP
[71] HOYA LENS THAILAND LTD., TH
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[72] BREEDON, MICHAEL, AU
[72] COLE, IVAN STUART, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[25] EN
[54] **YIELDING LINK, PARTICULARLY FOR ECCENTRICALLY BRACED FRAMES**
[54] **LIAISON COULISSANTE, EN PARTICULIER POUR CHARPENTES CONTREVENTEES DE FACON EXCENTRIQUE**
[72] GRAY, MICHAEL, CA
[72] DE OLIVEIRA, JUAN-CARLOS, CA
[72] CHRISTOPOULOS, CONSTANTIN, CA
[72] HAQUE, TARANA, CA
[72] TAN, KYLA, CA
[71] CAST CONNEX CORPORATION, CA
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[54] **SMALL CELL BACKHAUL**
[54] **LIAISON RETOUR DE PETITE CELLULE**
[72] COOKE, STEPHEN, CA
[72] BROWN, KEITH, GB
[71] GENESIS TECHNICAL SYSTEMS CORP., CA
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[54] **IMPROVED COOLING SYSTEM FOR MULTI-DISC BRAKE ASSEMBLY**
[54] **SYSTEME DE REFROIDISSEMENT AMELIORE POUR ENSEMBLE FREIN A DISQUES**
[72] SCHEPER, RON, CA
[72] ZIMMERMAN, JONATHON, CA
[72] CALDARELLA, FRANCO, US
[72] BACHMANN, SIMON, CA
[72] DYCK, GERALS, CA
[71] KINETICS DRIVE SOLUTIONS INC., CA
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[54] **ASSOCIATING USER INTERACTIONS ACROSS MULTIPLE APPLICATIONS ON A CLIENT DEVICE**
[54] **ASSOCIATION D'INTERACTIONS UTILISATEUR DANS DE MULTIPLES APPLICATIONS SUR UN DISPOSITIF CLIENT**
[72] ORMSETH, HOLLY MARIE, US
[72] KIM, DANIEL, US
[72] WILLIS, MATTHEW MICHAEL, US
[72] UAVECHANICHKUL, JAED, US
[72] CHEN, CHEN, US
[72] DY, SEAN ELLIOTT, US
[72] SWEENEY, SHAYNE MIKEL, US
[71] FACEBOOK, INC., US
[85] 2017-06-02
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[54] **WATER PURIFICATION DEVICE**
[54] **DISPOSITIF DE PURIFICATION D'EAU**
[72] SU, PEIXIN, CN
[71] SHENZHEN BORU ENVIRONMENTAL TECHNOLOGY CO., LTD., CN
[85] 2017-05-31
[86] 2015-07-31 (PCT/CN2015/085724)
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[51] **Int.Cl. C02F 1/44 (2006.01) B01D 61/20 (2006.01)**
[25] EN
[54] **WATER PURIFICATION DEVICE, AND METHOD USING WATER PURIFICATION DEVICE TO FILTER WATER**
[54] **DISPOSITIF D'EPURATION DE L'EAU, ET PROCEDE D'UTILISATION DE DISPOSITIF D'EPURATION DE L'EAU POUR FILTRER L'EAU**
[72] SU, PEIXIN, CN
[71] SHENZHEN BORU ENVIRONMENTAL TECHNOLOGY CO., LTD., CN
[85] 2017-05-31
[86] 2015-07-31 (PCT/CN2015/085756)
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[54] **WATER PURIFICATION DEVICE, AND METHOD USING WATER PURIFICATION DEVICE TO FILTER WATER**
[54] **DISPOSITIF DE PURIFICATION D'EAU, ET PROCEDE UTILISANT LE DISPOSITIF DE PURIFICATION D'EAU POUR FILTRER L'EAU**
[72] SU, PEIXIN, CN
[71] SHENZHEN BORU ENVIRONMENTAL TECHNOLOGY CO., LTD., CN
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[25] EN
[54] **DEVICE AND METHOD FOR REMOVING INORGANIC CARBON AND APPARATUS AND METHOD FOR MEASURING TOTAL ORGANIC CARBON**
[54] **DISPOSITIF ET PROCEDE SERVANT A L'ELIMINATION DE CARBONE INORGANIQUE, AINSI QU'APPAREIL ET PROCEDE SERVANT A LA DETECTION DE CARBONE ORGANIQUE TOTAL**
[72] DENG, SHOUQUAN, CN
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-05-31
[86] 2015-12-03 (PCT/CN2015/000844)
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[25] EN
[54] **CATALYST AND PREPARATION METHOD THEREOF, AND METHOD FOR PREPARING ISOBUTYLENE BY APPLYING THE SAME**
[54] **CATALYSEUR ET SON PROCEDE DE PREPARATION ET PROCEDE DE PREPARATION DE L'ISOBUTYLENE PAR APPLICATION DE CELUI-CI**
[72] ZHANG, SHUMEI, CN
[72] ZHOU, FENG, CN
[72] QIAO, KAI, CN
[72] ZHAI, QINGTONG, CN
[72] WANG, CHUNMEI, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] FUSHUN RESEARCH INSTITUTE OF PETROLEUM AND PETROCHEMICALS, SINOPEC CORP., CN
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[25] EN
[54] **CATALYST FOR AMMONIA OXIDATION**
[54] **CATALYSEUR D'OXYDATION D'AMMONIAC**
[72] CONRADSEN, CHRISTIAN NAGSTRUP, DK
[72] OLESEN, SINE ELLEMANN, DK
[72] CHAKRABORTY, DEBASISH, DK
[72] CHORKENDORFF, IB, DK
[71] DANMARKS TEKNISKE UNIVERSITET, DK
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[54] **PHOSPHORAMIDATES FOR THE TREATMENT OF HEPATITIS B VIRUS**
[54] **PHOSPHORAMIDATES POUR LE TRAITEMENT DU VIRUS DE L'HEPATITE B**
[72] DE LA ROSA, ABEL, US
[72] PAINTER, GEORGE, US
[72] BLUEMLING, GREGORY R., US
[71] EMORY UNIVERSITY, US
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[30] US (62/091,686) 2014-12-15
[30] US (62/094,117) 2014-12-19
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[25] EN
[54] **SYNTHETIC NANOCOMPOSITES IN MICROPARTICLE FORM, PROCESS FOR PRODUCTION THEREOF, PROPPANTS AND FRACTURE FLUIDS FOR OIL AND GAS EXTRACTION PROCESSES**
[54] **NANOCOMPOSES SYNTHETIQUES SOUS FORME DE MICROPARTICULES, LEUR PROCEDE DE PRODUCTION, AGENTS DE SOUTENEMENT ET FLUIDES DE FRACTURATION POUR PROCEDES D'EXTRACTION DE GAZ ET DE PETROLE**
[72] CARELLA, JOSE M., AR
[72] PIACENTINI, CARLOS A. L., AR
[72] PEREZ, CLAUDIO J., AR
[72] TOMBA, JUAN P., AR
[71] HACKLANDER, GUIDO M., ES
[71] SOTRO FINANCIAL INC., PA
[71] SEPP, S.R.L., AR
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[54] **SYSTEMS AND METHODS FOR PREDICTING HVAC FILTER CHANGE**
[54] **SYSTEMES ET PROCEDES DE PREDICTION DE CHANGEMENT DE FILTRE HVAC**
[72] FOX, ANDREW R., US
[72] LOBNER, ERIC C., US
[72] MEYER, THERESA M., US
[72] STANKIEWICZ, BRIAN J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[25] EN
[54] **INHIBITORY CHIMERIC ANTIGEN RECEPTOR (ICAR OR N-CAR) EXPRESSING NON-T CELL TRANSDUCTION DOMAIN**
[54] **RECEPTEUR D'ANTIGENE CHIMERIQUE INHIBITEUR (ICAR OU N-CAR) EXPRIMANT UN DOMAINE DE TRANSDUCTION NON LYMPHOCYTAIRE T**
[72] JUILLERAT, ALEXANDRE, US
[72] DUCHATEAU, PHILIPPE, FR
[72] POIROT, LAURENT, FR
[71] CELLECTIS, FR
[85] 2017-05-31
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[54] **SYSTEMES ET PROCEDES POUR EVALUER ET AUGMENTER LA PARTICIPATION DES CLIENTS**
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[72] KHANDEKAR, ADITYA, IN
[72] KRISHNAN, DINESH, CA
[72] CHAKRAVARTY, SAGNIK, IN
[71] ZAFIN LABS TECHNOLOGIES, LTD., AE
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[54] **METHOD FOR ENGINE BRAKING A VEHICLE HAVING A CONTINUOUSLY VARIABLE TRANSMISSION**
[54] **PROCEDE DE FREINAGE MOTEUR D'UN VEHICULE COMPRENANT UNE TRANSMISSION A VARIATION CONTINUE**
[72] HOULE, JEAN-PHILIPPE, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[85] 2017-05-31
[86] 2016-04-29 (PCT/IB2016/052458)
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[30] US (62/155,039) 2015-04-30

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[54] **IRRIGATEUR BUCCAL**
[72] LUETTGEN, HAROLD A., US
[72] SENFF, OSCAR, US
[72] WOODARD, BRIAN, US
[72] HANSON, BLAINE, US
[72] HUBER, JONATHAN, US
[71] WATER PIK, INC., US
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[86] 2015-12-01 (PCT/US2015/063262)
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[54] **SYSTEM AND METHOD FOR RELEASING FLAVOR**
[54] **SYSTEME ET PROCEDE DE LIBERATION D'AROMES**
[72] AVIDOR, YOAV, IL
[71] AGAN AROMA & FINE CHEMICALS LTD., IL
[85] 2017-05-31
[86] 2015-12-17 (PCT/IL2015/051224)
[87] (WO2016/098114)
[30] US (62/092,875) 2014-12-17

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[54] **SYSTEM AND METHOD FOR RELEASING EDIBLE MATERIAL**
[54] **SYSTEME ET PROCEDE DE LIBERATION D'UNE SUBSTANCE COMESTIBLE**
[72] AVIDOR, YOAV, IL
[71] AGAN AROMA & FINE CHEMICALS LTD., IL
[85] 2017-05-31
[86] 2015-12-17 (PCT/IL2015/051225)
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[25] EN
[54] **AEROSOL COATING COMPOSITION AND METALLIC MECHANICAL PART COATED WITH SAME**
[54] **COMPOSITION DE PEINTURE EN AEROSOL ET PIECE MECANIQUE METALLIQUE REVETUE DE CETTE DERNIERE**
[72] MINAMI, KENJI, JP
[72] FURUTA, YASUTAKA, JP
[72] OGAMI, YUKI, JP
[71] NHK SPRING CO., LTD., JP
[71] NHK SPRING PRODUCTION COMPANY, JP
[85] 2017-05-31
[86] 2015-12-02 (PCT/JP2015/083850)
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[54] **COMBINATION THERAPY FOR TREATMENT OF CANCER**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DU CANCER**
[72] GURNEY, AUSTIN, US
[72] YEN, WAN-CHING, US
[72] HOEY, TIMOTHY CHARLES, US
[71] ONCOMED PHARMACEUTICALS, INC., US
[85] 2017-05-30
[86] 2015-12-02 (PCT/US2015/063480)
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[30] US (62/086,435) 2014-12-02
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[25] EN
[54] **GRINDING TOOL AND MANUFACTURING METHOD THEREFOR**
[54] **OUTIL DE FRAISAGE ET PROCEDE DE FABRICATION POUR CE DERNIER**
[72] ARISAWA, HIDEAKI, JP
[71] MITSUBISHI HEAVY INDUSTRIES MACHINE TOOL CO., LTD., JP
[85] 2017-05-31
[86] 2015-12-07 (PCT/JP2015/084233)
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[54] **COMPOSITIONS AND METHODS OF USING MODIFIED RELEASE SOLABEGRON FOR LOWER URINARY TRACT SYMPTOMS**
[54] **COMPOSITIONS ET PROCEDES D'UTILISATION DU SOLABEGRON A LIBERATION MODIFIEE POUR TRAITER DES SYMPTOMES DU BAS APPAREIL URINAIRE**
[72] OHLSTEIN, ELIOT, US
[72] STEVENS, RAYMOND E., US
[72] WILKINS, H. JEFFREY, US
[71] VELICEPT THERAPEUTICS, INC., US
[85] 2017-05-30
[86] 2015-12-03 (PCT/US2015/063795)
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[30] US (62/087,021) 2014-12-03

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[25] EN
[54] **LATCH ACTIVATION BETWEEN ELEMENTS**
[54] **ACTIVATION DE VERROUILLAGE ENTRE ORGANES**
[72] ALLINGTON, CHRISTOPHER JAMES, NZ
[72] DIEHL, ANDREW KARL, NZ
[72] WRIGHT, KEVIN A., NZ
[72] HILL, WESTON, NZ
[72] WALTERS, DAVE, NZ
[71] EDDY CURRENT LIMITED PARTNERSHIP, NZ
[85] 2017-05-31
[86] 2015-12-04 (PCT/NZ2015/050205)
[87] (WO2016/089225)
[30] NZ (701545) 2014-12-04

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[54] **STABILIZER FOR ORGANIC MATERIALS**
[54] **STABILISATEUR POUR MATIERES ORGANIQUES**
[72] OZTURK, ORHAN, JP
[72] KIMURA, NATSUKO, JP
[72] MATSUMOTO, SHUHEI, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2017-05-31
[86] 2016-08-23 (PCT/JP2016/074437)
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[25] EN
[54] **METHODS FOR TREATING MYELODYSPLASTIC SYNDROMES AND SIDEROBLASTIC ANEMIAS**
[54] **METHODES DE TRAITEMENT DE SYNDROMES MYELODYSPLASIQUES ET D'ANEMIE SIDEROBLASTIQUE**
[72] ATTIE, KENNETH M., US
[72] ROVALDI, CHRISTOPHER ROBERT, US
[71] ACCELERON PHARMA INC., US
[85] 2017-05-30
[86] 2015-12-03 (PCT/US2015/063835)
[87] (WO2016/090188)
[30] US (62/086,977) 2014-12-03
[30] US (62/088,087) 2014-12-05
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[54] **SYNCHRONIZING DOWNHOLE SUBS**
[54] **SYNCHRONISATION DE RACCORDS DOUBLES FEMELLES DE FOND DE TROU**
[72] GRIFFING, MATTHEW C., US
[72] SHAH, FAISAL F., US
[72] ROBERSON, BRIAN A., US
[72] BESTE, RANDAL T., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **INHIBITEUR DE BROMODOMAINES COMME ADJUVANT EN IMMUNOTHERAPIE ANTICANCEREUSE**
[72] SOTOMAYOR, EDUARDO M., US
[72] BRADNER, JAMES, US
[72] TAO, JIANGUO, US
[71] H. LEE MOFFITT CANCER CENTER AND RESEARCH INSTITUTE, INC., US
[71] DANA-FARBER CANCER INSTITUTE, US
[85] 2017-05-30
[86] 2015-12-04 (PCT/US2015/063928)
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[54] **CONTINUOUS LOCATING WHILE DRILLING**
[54] **LOCALISATION CONTINUE PENDANT UN FORAGE**
[72] DYKSTRA, JASON D., US
[72] XUE, YUZHEN, US
[72] BU, FANPING, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-05-31
[86] 2014-12-31 (PCT/US2014/073025)
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[51] **Int.Cl. G06F 9/455 (2006.01) G06F 9/50 (2006.01) H04L 29/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS INVOLVING FEATURES OF HARDWARE VIRTUALIZATION, HYPERVISOR, APIS OF INTEREST, AND/OR OTHER FEATURES**
[54] **SYSTEMES ET PROCEDES IMPLIQUANT DES CARACTERISTIQUES DE VIRTUALISATION DE MATERIEL, D'HYPERVISEUR, D'API D'INTERET, ET/OU D'AUTRES CARACTERISTIQUES**
[72] MOORING, EDWARD T., US
[72] HOWARD, CRAIG, US
[72] YANKOVSKY, PHILLIP, US
[71] LYNX SOFTWARE TECHNOLOGIES INC., US
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[54] **ENERGY ABSORBING APPARATUS**
[54] **APPAREIL A ABSORPTION D'ENERGIE**
[72] DIEHL, ANDREW KARL, NZ
[72] WALTERS, DAVE, NZ
[71] EDDY CURRENT LIMITED PARTNERSHIP, NZ
[85] 2017-05-31
[86] 2015-12-04 (PCT/NZ2015/050209)
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[25] EN
[54] **USE OF STRIATAL CONNECTIVITY PATTERNS FOR EVALUATING ANTIPSYCHOTIC AGENTS**
[54] **UTILISATION DE MOTIFS DE CONNECTIVITE STRIATALE POUR EVALUER DES AGENTS ANTIPSYCHOTIQUES**
[72] LENCZ, TODD, US
[72] MALHOTRA, ANIL K., US
[72] SARPAL, DEEPAK K., US
[72] ARGYELAN, MIKLOS, US
[72] ROBINSON, DELBERT, US
[71] THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH, US
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[54] **NANOELECTROABLATION CONTROL AND VACCINATION**
[54] **REGULATION DE LA NANO-ELECTRO-ABLATION ET VACCINATION**
[72] NUCCITELLI, RICHARD LEE, US
[72] BERRIDGE, JON CASEY, US
[72] MALLON, ZACHARY, US
[72] KREIS, MARK, US
[72] ATHOS, BRIAN, US
[72] NUCCITELLI, PAMELA, US
[71] PULSE BIOSCIENCES, INC., US
[85] 2017-05-31
[86] 2015-11-30 (PCT/US2015/063025)
[87] (WO2016/089781)
[30] US (62/086,025) 2014-12-01
[30] US (14/954,630) 2015-11-30

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[25] EN
[54] **EDDY CURRENT BRAKE CONFIGURATIONS**
[54] **CONFIGURATIONS DE FREINS A COURANT DE FOUCAULT**
[72] ALLINGTON, CHRISTOPHER JAMES, NZ
[72] DIEHL, ANDREW KARL, NZ
[72] WRIGHT, KEVIN A., NZ
[72] HILL, WESTON, NZ
[72] WALTERS, DAVE, NZ
[71] EDDY CURRENT LIMITED PARTNERSHIP, NZ
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[54] **TIGE CONVERTIBLE/TIGE POUR FRACTURE**
[72] DERANSART, PIERRIC, FR
[72] FLEURY, CYRILLE AROUN KOUMAR, FR
[72] GABORIT, VINCENT, FR
[72] BOILEAU, PASCAL, FR
[72] CHUINARD, CHRISTOPHER R., US
[72] CLAVERT, PHILIPPE, FR
[72] FAVART, LUC, FR
[72] KELLY, JAMES, US
[72] KRISHNAN, SUMANT, US
[72] SIRVEAUX, FRANCOIS, FR
[71] TORNIER, FR
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[30] FR (1462206) 2014-12-10

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[51] Int.Cl. A61B 17/132 (2006.01)
[25] EN
[54] SURFBOARD ACCESSORY FOR SURFBOARD RETENTION AND MEDICAL EMERGENCIES
[54] ACCESSOIRE DE PLANCHE DE SURF POUR RETENTION DE PLANCHE DE SURF ET DES URGENCES MEDICALES
[72] HENDERSON, CARSON THOMAS, US
[71] HENDERSON, CARSON THOMAS, US
[85] 2017-05-31
[86] 2015-05-31 (PCT/US2015/033445)
[87] (WO2016/089446)
[30] US (PCT/US2014/068675) 2014-12-05

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[25] EN
[54] SELF-ANCHORING CATHETERS AND METHODS OF USE
[54] CATHETERS A AUTO-ANCRAGE ET PROCEDES D'UTILISATION
[72] AKLOG, LISHAN, US
[72] DEGUZMAN, BRIAN J., US
[71] PAVMED INC., US
[85] 2017-05-31
[86] 2015-12-01 (PCT/US2015/063221)
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[25] EN
[54] LIGHT DEVICES AND CONTROL SOFTWARE
[54] DISPOSITIFS DE LUMIERE ET LOGICIEL DE COMMANDE
[72] WATERS, MICHAEL., US
[72] WATERS, CHARLES, US
[71] WATERS, MICHAEL., US
[71] WATERS, CHARLES, US
[85] 2017-05-31
[86] 2015-12-02 (PCT/US2015/063536)
[87] (WO2016/090049)
[30] US (62/086,586) 2014-12-02
[30] US (62/118,308) 2015-02-19

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[25] EN
[54] DOPAMINE RECEPTOR TYPE 2 SPECIFIC PROMOTER AND METHODS OF USE THEREOF
[54] PROMOTEUR SPECIFIQUE DU RECEPTEUR DE LA DOPAMINE DE TYPE 2 ET PROCEDES POUR L'UTILISER
[72] DEISSEROTH, KARL A., US
[72] RAMAKRISHNAN, CHARU, US
[72] ZALOCUSKY, KELLY, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2017-05-31
[86] 2015-12-03 (PCT/US2015/063804)
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[30] US (62/087,603) 2014-12-04

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[54] MASQUE FACIAL AJUSTE
[72] REESE, GEORGE D., US
[71] PRESTIGE AMERITECH, LTD., US
[85] 2017-05-31
[86] 2015-11-30 (PCT/US2015/063049)
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[30] US (62/086,401) 2014-12-02

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[51] Int.Cl. C12N 15/63 (2006.01) C12N 15/70 (2006.01)
[25] EN
[54] CLOSTRIDIAL NEUROTOXIN FUSION PROTEINS, PROPEPTIDE FUSIONS, THEIR EXPRESSION, AND USE
[54] PROTEINES DE FUSION DE NEUROTOXINE CLOSTRIDIENNE, FUSIONS DE PROPEPTIDES, LEUR EXPRESSION ET LEUR UTILISATION
[72] ICHTCHENKO, KONSTANTIN, US
[72] VAZQUEZ-CINTRON, EDWIN, US
[72] BANK, PHILIP A., US
[72] CARDOZO, TIMOTHY, US
[71] NEW YORK UNIVERSITY, US
[85] 2017-05-31
[86] 2015-12-09 (PCT/US2015/064787)
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[30] US (62/089,646) 2014-12-09
[30] US (62/118,970) 2015-02-20

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[51] Int.Cl. A61K 48/00 (2006.01) C12N 15/85 (2006.01)
[25] EN
[54] COMPOSITIONS AND METHODS FOR EDITING NUCLEIC ACIDS IN CELLS UTILIZING OLIGONUCLEOTIDES
[54] COMPOSITIONS ET PROCEDES D'EDITION D'ACIDES NUCLEIQUES DANS DES CELLULES A L'AIDE D'OLIGONUCLEOTIDES
[72] WOOLF, TOD M., US
[72] LEBEDEV, ALEXANDRE, US
[72] HOGREFE, RICHARD I., US
[71] WOOLF, TOD M., US
[71] LEBEDEV, ALEXANDRE, US
[71] HOGREFE, RICHARD I., US
[85] 2017-05-31
[86] 2015-12-11 (PCT/US2015/065348)
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[30] US (62/091,027) 2014-12-12
[30] US (62/141,077) 2015-03-31
[30] US (62/180,175) 2015-06-16
[30] US (62/252,693) 2015-11-09

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[51] **Int.Cl. B26D 7/02 (2006.01) B26D 1/30 (2006.01)**
[25] EN
[54] **APPARATUS FOR SLICING ROLLED UP CREPES**
[54] **APPAREIL TRANCHEUR DE CREPES ENROULEES**
[72] SZILAGYI, IMRE IVAN, GB
[71] SZILAGYI, IMRE IVAN, GB
[85] 2017-06-02
[86] 2014-09-12 (PCT/IB2014/064475)
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[30] GB (1411457.3) 2014-06-11

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[51] **Int.Cl. A61M 1/00 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **UNBACKED AND MODIFIABLE TAPES AND SKIN DRESSINGS**
[54] **BANDES MODIFIABLES ET SANS SUPPORT ET PANSEMENTS POUR LA PEAU**
[72] ZUROVCIK, DANIELLE R., US
[71] WORLDWIDE INNOVATIVE HEALTHCARE, INC., US
[85] 2017-05-31
[86] 2015-12-10 (PCT/US2015/065132)
[87] (WO2016/094742)
[30] US (62/090,350) 2014-12-10
[30] US (62/090,437) 2014-12-11
[30] US (62/182,417) 2015-06-19

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[25] EN
[54] **MOBILE APPLICATION FOR CONTROLLING OUTDOOR GRILL**
[54] **APPLICATION MOBILE POUR COMMANDER UN GRIL EXTERIEUR**
[72] COLSTON, MICHAEL, US
[71] TRAEGER PELLET GRILLS, LLC, US
[85] 2017-03-30
[86] 2016-03-29 (PCT/US2016/024737)
[87] (WO2017/069799)
[30] US (62/245,535) 2015-10-23

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[25] EN
[54] **DISMANTLING JOINT**
[54] **JONCTION DE DEMONTAGE**
[72] DUDUROVIC, MILE, AU
[72] DEANS, ALLAN BUSHELL, AU
[71] DUDUROVIC, MILE, AU
[71] DEANS, ALLAN BUSHELL, AU
[85] 2017-06-01
[86] 2014-12-18 (PCT/AU2014/001145)
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[54] **BOITE ECOSYSTEME D'AIR DE TYPE CIRCULAIRE ET PROCEDE DE CONDITIONNEMENT D'AIR ECOLOGIQUE CLIMATIQUE ASSOCIE**
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[72] DING, HUANQING, CN
[72] WEI, PENGFENG, CN
[71] JIANGSU FENGSHEN AIR CONDITIONING GROUP CO.,LTD., CN
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[72] HARRASS, MICHAEL, DE
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[72] WROBLEWSKI, ARTUR, DE
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[54] **TRANSMISSIONS INCORPORANT UN FREINAGE PAR COURANTS DE FOUCAULT**
[72] DIEHL, ANDREW KARL, NZ
[72] HILL, WESTON, NZ
[72] WALTERS, DAVE, NZ
[71] EDDY CURRENT LIMITED PARTNERSHIP, NZ
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[54] **CAPTEUR SOLAIRE**
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[71] SCHILDER, JOHANNES JACOBUS MARIA, NL
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[54] **MODULATEUR OPTIQUE**
[72] TSUZUKI, KEN, JP
[72] KAMEI, SHIN, JP
[72] JIZODO, MAKOTO, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
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[54] **VELO AQUATIQUE**
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[72] FRICK, ROBERT, US
[72] WINDMILL, MARTIN, US
[71] SCHILLER SPORTS, INC., US
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[54] **POUDRE D'ALLIAGE A BASE DE FER POUR LA METALLURGIE DES POUDRES, ET ELEMENT FORGE A CHAUD**
[72] NAKAMURA, NAOMICHI, JP
[72] SONOBE, AKIO, JP
[72] KOBAYASHI, AKIO, JP
[71] JFE STEEL CORPORATION, JP
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[54] **ADDITIFS FLUIDES POUR FORAGE A SEC ET PROCEDES S'Y RAPPORTANT**
[72] CORTNER, THOMAS SCOTT, US
[72] MAY, PRESTON ANDREW, US
[72] COLLINS, RYAN PATRICK, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **MODEL EYE PRODUCING A SPECKLE PATTERN HAVING A REDUCED BRIGHT-TO-DARK RATIO FOR USE WITH OPTICAL MEASUREMENT SYSTEM FOR CATARACT DIAGNOSTICS**
[54] **MODELE OCULAIRE PRODUISANT UNE FIGURE DE SPECKLE AYANT UN RAPPORT LUMIERE/OBSCURITE REDUIT POUR SONT UTILISATION AVEC UN SYSTEME DE MESURE OPTIQUE POUR LE DIAGNOSTIC DE LA CATARACTE**
[72] COPLAND, RICHARD J., US
[72] NEAL, DANIEL R., US
[72] RAYMOND, THOMAS D., US
[72] XIONG, WEI, US
[72] PULASKI, PAUL D., US
[72] FARRER, STEPHEN W., US
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[71] AMO WAVEFRONT SCIENCES, LLC., US
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[54] **CABLES A REVETEMENT ANTIMICROBIEN**
[72] RANGANATHAN, SATHISH KUMAR, US
[72] MALINOSKI, JON MICHAEL, US
[72] ROLAND, ALBEN D., US
[72] SIRIPURAPU, SRINIVAS, US
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[54] **FACILITATION DE L'ENVOI ET DE LA RECEPTION DE PAIEMENTS ENTRE UN PARTICULIER ET UNE ENTREPRISE**
[72] DAVIS, STEPHEN MOORE, US
[72] NALLA, VIPAN REDDY RAJA, US
[71] FACEBOOK, INC., US
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[54] **JOINT D'ETANCHEITE DE GEL MINCE ET SON PROCEDE DE FABRICATION ET D'UTILISATION**
[72] BUSBY, JEFF, US
[72] SCHMIDT, DAVID, US
[72] BOOMER, KENT, US
[72] BOYD, MATT, US
[71] THE PATENT WELL LLC, US
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[54] **ACTIVATEURS DE RUPTURE D'OXYDES INORGANIQUES**
[72] SALLA, RAJENDER, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SYSTEMS AND METHODS FOR GENERATING RANDOM NUMBERS USING PHYSICAL VARIATIONS PRESENT IN MATERIAL SAMPLES**
[54] **SYSTEMES ET PROCEDES DE GENERATION DE NOMBRES ALEATOIRES A L'AIDE DE VARIATIONS PHYSIQUES EXISTANT DANS DES ECHANTILLONS DE MATERIAU**
[72] SCHUMACHER, JENNIFER F., US
[72] CASNER, GLENN E., US
[72] SHKEL, YANINA, US
[72] BONIFAS, ANDREW P., US
[72] SABELLI, ANTHONY J., US
[72] STANKIEWICZ, BRIAN J., US
[72] WHEATLEY, JOHN A., US
[72] SIVALINGAM, RAVISHANKAR, US
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[54] **BALLONNET A DENTELURES**
[72] SCHNEIDER, PETER, US
[72] GIASOLLI, ROBERT, US
[71] CAGENT VASCULAR, LLC, US
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[72] GIASOLLI, ROBERT M., US
[71] CAGENT VASCULAR, LLC, US
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[54] **COMBINATIONS FOR THE TREATMENT OF NEUROBLASTOMA**
[54] **COMBINAISONS POUR LE TRAITEMENT DU NEUROBLASTOME**
[72] HORNBY, ZACHARY DOLPH, US
[72] LI, GANG, US
[72] ANDERSON, DAVID WESLEY, US
[72] BRODEUR, GARRETT M., US
[72] IYER, RADHIKA, US
[71] IGNYTA, INC., US
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[54] **VEHICULE DE TRANSFERT DE MATERIAU PRESENTANT UNE TREMIE DE RECEPTION DE CAMION EXTENSIBLE**
[72] BROWN, IRINA, US
[71] ROADTEC, INC., US
[85] 2017-06-01
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[54] **DETECTION DE DEFAUT ET DETERMINATION DE DIRECTION**
[72] ENNIS, MICHAEL, US
[72] GARDNER, ADAM, US
[72] MONTENEGRO, ALEJANDRO, US
[72] SHARON, YOAV, US
[71] S&C ELECTRIC COMPANY, US
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[54] **PROCEDE ET APPAREIL D'ELABORATION DE TRAJET DE VOL**
[72] BRUGGEMANN, TROY, AU
[72] FORD, JASON, AU
[71] SPATIAL INFORMATION SYSTEMS RESEARCH LIMITED, AU
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[54] **ELECTROLYSIS PLANT AND METHOD FOR TREATING CELL GASES**
[54] **USINE D'ELECTROLYSE ET PROCEDE DE TRAITEMENT DES GAZ DE CUVE**
[72] GIRAULT, GUILLAUME, FR
[72] PETIT, STEPHANE, FR
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
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[54] **SILK PERFORMANCE APPAREL AND PRODUCTS AND METHODS OF PREPARING THE SAME**
[54] **VETEMENT DE PERFORMANCE DE SOIE, ET PRODUITS ET PROCEDES DE PREPARATION DE CELUI-CI**
[72] ALTMAN, GREGORY H., US
[72] MORTARINO, ENRICO, US
[71] SILK THERAPEUTICS, INC., US
[85] 2017-06-01
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[54] **NATIVE APPLICATION SINGLE SIGN-ON**
[54] **SIGNATURE UNIQUE D'APPLICATION D'ORIGINE**
[72] WALTERS, RICHARD JOHN, GB
[72] KNOTT, SIMON DAVID, GB
[71] INTERMEDIA.NET, INC., US
[85] 2017-06-01
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[25] EN
[54] **ACTIVIN-ACTRII ANTAGONISTS AND USES FOR TREATING ANEMIA**
[54] **ANTAGONISTES DE L'ACTIVINE-ACTRII ET LEURS UTILISATIONS POUR LE TRAITEMENT DE L'ANEMIE**
[72] ATTIE, KENNETH, M., US
[72] ROVALDI, CHRISTOPHER, US
[72] LAADEM, ABDERRAHMANE, US
[71] CELGENE CORPORATION, US
[71] ACCELERON PHARMA INC., US
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[54] **METHODS OF IMPROVING YIELD IN RECOMBINANT PROTEIN PRODUCTION**
[54] **PROCEDES D'AMELIORATION DU RENDEMENT DANS LA PRODUCTION DE PROTEINES RECOMBINEES**
[72] CHAN, JACKIE SHEK KEI, US
[72] JORGENSEN, BRETT HAROLD, US
[72] MUMM, JOHN BRIAN, US
[71] ARMO BIOSCIENCES, INC., US
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[86] 2015-12-21 (PCT/US2015/067135)
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[25] EN
[54] **SYSTEMS AND METHODS FOR PERCUTANEOUS DIVISION OF FIBROUS STRUCTURES**
[54] **SYSTEMES ET PROCEDES DE DIVISION PERCUTANEE DE STRUCTURES FIBREUSES**
[72] AKLOG, LISHAN, US
[72] DEGUZMAN, BRIAN J., US
[71] PAVMED INC., US
[85] 2017-06-01
[86] 2015-12-03 (PCT/US2015/063703)
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[54] **MIXING CHAMBER**
[54] **CHAMBRE DE MELANGE**
[72] HATCH, BRIGHAM, US
[72] STRATTON, BRYAN, US
[71] BAKERY CONCEPTS INTERNATIONAL, LLC, US
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[86] 2015-12-03 (PCT/US2015/063704)
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[25] EN
[54] **COMPOSITIONS AND METHODS RELATING TO PROLIFERATIVE DISORDERS**
[54] **COMPOSITIONS ET METHODES ASSOCIEES A DES TROUBLES PROLIFERATIFS**
[72] CARLOCK, LEON, US
[72] CYPHER, MARIA, US
[71] WAYNE STATE UNIVERSITY, US
[85] 2017-06-01
[86] 2015-12-03 (PCT/US2015/063777)
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[25] EN
[54] **METHODS FOR THE TREATMENT OF ALOPECIA AREATA UTILIZING GENE MODULATION APPROACHES**
[54] **METHODES DE TRAITEMENT DE L'ALOPECIE EN AIRES A L'AIDE D'APPROCHES DE MODULATION GENIQUE**
[72] CAUWENBERGH, GERARD, US
[72] JOHNSON, KEITH, US
[71] RXI PHARMACEUTICALS CORPORATION, US
[85] 2017-06-01
[86] 2015-12-03 (PCT/US2015/063805)
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[30] US (62/087,138) 2014-12-03
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[25] EN
[54] **ORGANIC COMPOUNDS**
[54] **COMPOSES ORGANIQUES**
[72] LI, PENG, US
[72] ZHENG, HAILIN, US
[72] SNYDER, GRETCHEN, US
[72] WENNOGLE, LAWRENCE P., US
[72] HENDRICK, JOSEPH, US
[71] INTRA-CELLULAR THERAPIES, INC., US
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[25] EN
[54] **ORGANIC COMPOUNDS**
[54] **COMPOSES ORGANIQUES**
[72] LI, PENG, US
[72] ZHENG, HAILIN, US
[72] SNYDER, GRETCHEN, US
[72] WENNOGLE, LAWRENCE P., US
[72] HENDRICK, JOSEPH, US
[71] INTRA-CELLULAR THERAPIES, INC., US
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[54] **MUG**
[54] **TASSE**
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[72] DENISOFF, ALEKSANDER, EE
[72] INNO, MARKO, EE
[72] KALDOJA, KAUR, EE
[72] USIN, JALVAR, EE
[72] USIN, RAIDO, EE
[72] KALEV, ARDO, EE
[71] LAARMANN, ELMAR, EE
[71] DENISOFF, ALEKSANDER, EE
[71] INNO, MARKO, EE
[71] KALDOJA, KAUR, EE
[71] USIN, JALVAR, EE
[71] USIN, RAIDO, EE
[71] KALEV, ARDO, EE
[85] 2017-06-02
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[54] **INDIRECT HOMOGENEOUS MOBILITY SHIFT ASSAYS FOR THE DETECTION OF BIOLOGICS IN PATIENT SAMPLES**
[54] **DOSAGES HMSA (HOMOGENEOUS MOBILITY SHIFT ASSAY) INDIRECTS POUR LA DETECTION DE SUBSTANCES BIOLOGIQUES DANS DES ECHANTILLONS PRELEVES CHEZ DES PATIENTS**
[72] SALBATO, JARED, US
[72] WESTIN, STEFAN, US
[72] CHI-KWAN LING, NICHOLAS, US
[72] JAIN, ANJALI, US
[72] SINGH, SHARAT, US
[71] NESTEC S.A., CH
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[54] **GENERATION OF TRANSGENIC CANOLA WITH LOW OR NO SATURATED FATTY ACIDS**
[54] **GENERATION DE COLZA TRANSGENIQUE AYANT PEU OU PAS D'ACIDES GRAS SATURES**
[72] GACHOTTE, DANIEL J., US
[72] MERLO, P. ANN OWENS, US
[72] THOMPSON, MARK A., US
[72] WALSH, TERENCE A., US
[72] WILSON, BETH RUBIN, US
[72] WELTER, MARY, US
[71] DOW AGROSCIENCES LLC, US
[85] 2017-06-02
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[54] **SELECTION OF DIVERSION TECHNIQUES BASED UPON WEIGHTED WELL CHARACTERISTICS**
[54] **SELECTION DE TECHNIQUES DE DERIVATION SUR LA BASE DE CARACTERISTIQUES DE PUITS PONDEREES**
[72] POYYARA, RAGI LOHIDAKSHAN, IN
[72] PATNANA, VIJAYA KUMAR, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-02
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[25] EN
[54] **METHOD FOR PRODUCING RADIOBACTERIA FOR THERAPY OF CANCER**
[54] **PROCEDE DE PRODUCTION DE RADIOBACTERIES DANS LA THERAPIE DU CANCER**
[72] GRAVEKAMP, CLAUDIA, US
[72] DADACHOVA, EKATERINA, US
[72] CHANDRA, DINESH, US
[71] ALBERT EINSTEIN COLLEGE OF MEDICINE, INC., US
[85] 2017-06-02
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[54] **METHODS OF IMPROVING LECITHIN FUNCTIONALITY AND APPLICATIONS THEREOF**
[54] **PROCEDES D'AMELIORATION DE LA FONCTIONNALITE DE LA LECITHINE ET LEURS APPLICATIONS**
[72] BASEETH, SHIREEN, US
[72] SEBREE, BRUCE, US
[72] JADHAV, SWAPNIL, US
[71] ARCHER DANIELS MIDLAND COMPANY, US
[85] 2017-06-01
[86] 2015-12-02 (PCT/US2015/063474)
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[54] **SOLDER ALLOY, SOLDER PASTE, AND ELECTRONIC CIRCUIT BOARD**
[54] **ALLIAGE DE SOUDURE, PATE DE SOUDURE, ET CARTE DE CIRCUITS IMPRIMES**
[72] IKEDA, KAZUKI, JP
[72] INOUE, KOSUKE, JP
[72] ICHIKAWA, KAZUYA, JP
[72] TAKEMOTO, TADASHI, JP
[71] HARIMA CHEMICALS, INCORPORATED, JP
[85] 2017-06-02
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[54] **NATURAL GAS REFINING APPARATUS AND SYSTEM**
[54] **DISPOSITIF ET SYSTEME DE RAFFINAGE DE GAZ NATUREL**
[72] TANAKA, YUKIO, JP
[72] YOSHIYAMA, RYUJI, JP
[72] EDA, MASAYUKI, JP
[72] AKIYAMA, TOMOH, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **LOW-PRESSURE AERATION TREATMENT OF BIOLOGICAL WASTEWATER**
[54] **TRAITEMENT D'AERATION BASSE PRESSION D'EAUX USEES BIOLOGIQUES**
[72] CLOETE, TEUNIS, CA
[72] ROXBURGH, RUTH, CA
[72] LI, LISHENG, CA
[71] CLEARBAKK ENERGY SERVICES LTD., CA
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[25] EN
[54] **FUEL TANK INERTING PREFILTER ASSEMBLIES, DEVICES, AND METHODS OF USE**
[54] **DISPOSITIFS DE PREFILTRE D'INERTAGE DE RESERVOIR DE CARBURANT, DISPOSITIFS ET METHODES D'UTILISATION**
[72] CARRION, ALEXANDER, US
[72] PATEL, RAJESH D., US
[72] STEIN, DAVID JONATHAN, US
[71] PALL CORPORATION, US
[22] 2016-10-19
[41] 2017-05-23
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[72] DE DREU, ADRIAN JAN, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
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[41] 2017-05-16
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[54] **METHOD AND NEEDLE FOR REINFORCING CELLULAR MATERIALS**
[54] **METHODE ET AIGUILLE DE RENFORT DE MATERIAUX CELLULAIRES**
[72] JORN, PAUL, DE
[72] MULLER, MARKUS, DE
[71] AIRBUS OPERATIONS GMBH, DE
[22] 2016-10-31
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[54] **PNEUMATIC TIRE**
[54] **PNEUMATIQUE**
[72] ISITMAN, NIHAT ALI, LU
[72] POMPEI, MANUELA, LU
[72] ENGELDINGER, ERIC, LU
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2016-11-07
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[25] EN
[54] **METHOD FOR PRODUCING AND COATING A LENS**
[54] **METHODE DE PRODUCTION ET DE REVETEMENT D'UNE LENTILLE**
[72] PIOTROWSKI, DANIEL, CH
[72] ULRICH, RENE JOSEF, CH
[71] INTERGLASS TECHNOLOGY AG, CH
[22] 2016-11-14
[41] 2017-05-19
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[54] **A FROZEN DOUGH PRODUCT AND METHOD FOR MAKING THE SAME**
[54] **UN PRODUIT DE PATE CONGELEE ET UNE METHODE DE FABRICATION ASSOCIEE**
[72] CAI, RONGXUAN, US
[72] METTUNEN, STACEY FOWLER, US
[71] SFC GLOBAL SUPPLY CHAIN, INC., US
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[54] **FERTILIZER COMPOSITIONS INCLUDING WOOL PELLETS AND ANIMAL PRODUCTS, WOOL PELLETS INCLUDING ANIMAL PRODUCTS, AND RELATED METHODS**
[54] **COMPOSITIONS DE FERTILISANT INCLUANT DES GRANULES DE BOIS ET DES PRODUITS ANIMAUX, GRANULES DE BOIS INCLUANT DES PRODUITS ANIMAUX, ET METHODES ASSOCIEES**
[72] GOLD, BRIAN D., US
[72] GOLD, MARK S., US
[72] WILDE, ALBERT R., US
[71] GOLD, BRIAN D., US
[71] GOLD, MARK S., US
[71] WILDE, ALBERT R., US
[22] 2016-11-17
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[25] EN
[54] **WRIST BRACE WITH ENHANCED LACING**
[54] **SUPPORT DE POIGNET DOTE DE LACAGE AMELIORE**
[72] GAYLORD, ERIC LEE, US
[71] MEDICAL SPECIALTIES, INC., US
[22] 2016-11-18
[41] 2017-05-20
[30] US (62/257,933) 2015-11-20
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[25] EN
[54] **ANTIBODIES AND ANTIBODY FRAGMENTS FOR SITE-SPECIFIC CONJUGATION**
[54] **ANTICORPS ET FRAGMENTS D'ANTICORPS DESTINES A LA CONJUGAISON SPECIFIQUE AU SITE**
[72] MA, DANGSHE, US
[72] MARQUETTE, KIMBERLEY ANN, US
[72] GRAZIANI, EDMUND IDRIS, US
[72] SAPRA, PUJA, US
[72] TUMEY, LAWRENCE NATHAN, US
[72] PRASHAD, NADIRA ANARKALI, US
[72] KHANDKE, KIRAN MANOHAR, US
[72] BENNETT, ERIC M., US
[72] TCHISTIAKOVA, LIOUDMILA, US
[71] PFIZER INC., US
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[25] EN
[54] **LID FOR CONTAINER**
[54] **COUVERCLE DE CONTENANT**
[72] BRANNOCK, SAMUEL LINCOLN, US
[71] HARL-BELLA HOLDINGS, LLC, US
[22] 2016-11-18
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[54] **LID FOR CONTAINER**
[54] **COUVERCLE DE CONTENANT**
[72] BRANNOCK, SAMUEL LINCOLN, US
[71] HARL-BELLA HOLDINGS, LLC, US
[22] 2016-11-18
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[54] **COLLAPSIBLE DAIRY CRATE**
[54] **CAISSE PLIABLE DESTINEE AUX PRODUITS LAITIERS**
[72] CLARK, SUZANNE WHITFIELD, US
[72] GUERRY, BRIAN ROBERT, US
[72] ENGLERT, TRAVIS JAMES, US
[71] REHRIG PACIFIC COMPANY, US
[22] 2016-11-23
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[54] **BIOTECHNOLOGICAL PRODUCTION OF .OMEGA.-FUNCTIONALISED CARBOXYLIC ACIDS AND ESTERS THEREOF**
[54] **PRODUCTION BIOTECHNOLOGIQUE D'ACIDES CARBOXYLIQUES FONCTIONNALISES EN OMEGA ET ESTERS ASSOCIES**
[72] SCHAFFER, STEFFEN, DE
[72] HAAS, THOMAS, DE
[72] BRUGGING, WILHELM, DE
[72] MEIER, RALF, DE
[71] EVONIK DEGUSSA GMBH, DE
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[54] **INJECTION UNIT AND DIRECTION CHANGEOVER VALVE**
[54] **MODULE D'INJECTION ET SOUPAPE DE CHANGEMENT DE DIRECTION**
[72] NOSAKA, HIROMICHI, JP
[71] SUMITOMO HEAVY INDUSTRIES, LTD., JP
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[25] EN
[54] **PROCESS FOR PRODUCING HYDROGEN WITH REDUCED CORROSION**
[54] **PROCEDE DE PRODUCTION D'HYDROGENE A CORROSION REDUITE**
[72] SICINSKI, MICHAEL ANDREW, US
[72] GRAHAM, DAVID ROSS, US
[72] FORESTER, KELLY ANN, US
[72] SILVESTRE, CANDICE DAIBES, US
[72] LOUGHNEY, GERALD MICHAEL, US
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[54] **RENEWABLY DERIVED THERMOPLASTIC POLYESTER-BASED URETHANES AND METHODS OF MAKING AND USING THE SAME**
[54] **URETHANES A BASE DE POLYESTER THERMOPLASTIQUE DERIVE RENOUVELABLE ET METHODES DE FABRICATION ET UTILISATION ASSOCIEES**
[72] NARINE, SURESH, CA
[72] SHETRANJIWALLA, SHEGUFTA, CA
[72] LI, SHAOJUN, CA
[72] BOUZIDI, LAZIZ, CA
[71] TRENT UNIVERSITY, CA
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[54] **ASSISTANT DE FENDAGE DU BOIS**
[72] SEED, NICHOLAS H., CA
[71] SEED, NICHOLAS H., CA
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[54] **HETEROBIFUNCTIONAL COMPOUNDS HAVING A TRIAZOLE LINKER AND E AND/OR P SELECTIN BINDING AFFINITY**
[54] **COMPOSES HETEROBIFONCTIONNELS COMPORTANT UN LIEN TRIAZOLE ET UNE AFFINITE DE LIAISON DE SELECTINE E OU P**
[72] ERNST, BEAT, CH
[72] WAGNER, BEATRICE, CH
[71] GLYCOMIMETICS, INC., US
[22] 2016-11-30
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[54] **PLANT DISEASE CONTROLLING COMPOSITION CONTAINING MANDESTROBIN AND FLUOPYRAM AND METHOD FOR CONTROLLING PLANT DISEASES**
[54] **METHODE ET COMPOSITION POUR LUTTER CONTRE LES MALADIES DES PLANTES**
[72] KIGUCHI, SO, JP
[72] TANAKA, SOICHI, JP
[72] OZAWA, MAYUKO, JP
[72] IWATA, ATSUSHI, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[25] EN
[54] **SEQUENCES FOR DETECTION AND IDENTIFICATION OF METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS (MRSA) OF MREJ TYPE XI**
[54] **SEQUENCES UTILISEES POUR LA DETECTION ET L'IDENTIFICATION DE STAPHYLOCOCCUS AUREUS RESISTANT A LA METHICILINE (SARM) DES TYPES MREJ XI A XX**
[72] GIROUX, RICHARD, CA
[72] HULETSKY, ANN, CA
[71] BECTON DICKINSON INFUSION THERAPY SYSTEMS INC., US
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[25] EN
[54] **PROCESSES FOR PREPARING LITHIUM HYDROXIDE**
[54] **PROCEDES DE PREPARATION D'HYDROXYDE DE LITHIUM**
[72] BOURASSA, GUY, CA
[72] PEARSE, GARY, CA
[72] MACKIE, STEPHEN CHARLES, CA
[72] GLADKOVAS, MYKOLAS, CA
[72] GENDERS, J. DAVID, US
[72] SYMONS, PETER, US
[72] MAGNAN, JEAN-FRANCOIS, CA
[71] NEMASKA LITHIUM INC., CA
[22] 2013-04-23
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[62] 2,871,092
[30] US (61/636,869) 2012-04-23
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[25] EN
[54] **METHODS FOR TREATING LITHIUM-CONTAINING MATERIALS**
[54] **PROCEDES POUR LE TRAITEMENT DE MATERIAUX CONTENANT DU LITHIUM**
[72] MAGNAN, JEAN-FRANCOIS, CA
[72] BOURASSA, GUY, CA
[72] LAROCHE, NICOLAS, CA
[72] PEARSE, GARY, CA
[72] MACKIE, STEPHEN CHARLES, CA
[72] GLADKOVAS, MYKOLAS, CA
[72] CLAYTON, GENEVIEVE, CA
[72] BOUCHARD, PIERRE, CA
[72] SYMONS, PETER, US
[72] GENDERS, J. DAVID, US
[71] NEMASKA LITHIUM INC., CA
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[62] 2,940,027
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[25] EN
[54] **EAVESDROPPING DEVICE**
[54] **DISPOSITIF D'AUSCULTATION**
[72] HUBINETTE, ULRIK, SE
[72] SAMUELSSON, MAGNUS, SE
[71] ST. JUDE MEDICAL COORDINATION CENTER BVBA, BE
[22] 2010-09-16
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[62] 2,772,966
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[25] EN
[54] **A GAS GENERATOR**
[54] **UN GENERATEUR A GAZ**
[72] LIN, HSIN-YUNG, CN
[71] LIN, HSIN-YUNG, CN
[22] 2015-10-15
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[54] **PROCESS AND METHOD FOR THE ENHANCEMENT OF SEQUESTERING ATMOSPHERIC CARBON THROUGH OCEAN IRON FERTILIZATION, AND METHOD FOR CALCULATING NET CARBON CAPTURE FROM SAID PROCESS AND METHOD**
[54] **PROCEDE ET METHODE D'AMELIORATION DE LA SEQUESTRATION DU CARBONE ATMOSPHERIQUE A L'AIDE DE LA FERTILISATION DU FER OCEANIQUE, ET METHODE DE CALCUL DE LA CAPTURE DE CARBONE NETTE AL'AIDE DESDITS PROCEDE ET METHODE**
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[54] **ADMINISTRATION D'ENZYME INTRAVENTRICULAIRE POUR DES MALADIES DE STOCKAGE DES LYSOSOMES**
[72] DODGE, JAMES, US
[72] PASSINI, MARCO, US
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[72] HECKER, SCOTT J., US
[72] DANG, QUN, US
[72] REDDY, MALI VENKAT, US
[72] SUN, ZHILI, US
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[54] **NOUVEAUX NUCLEOSIDES 7-DEAZAPURINE A DES FINS THERAPEUTIQUES**
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[54] **COMPOSITIONS VETERINAIRES ORALES PARASITICIDES COMPRENANT DES AGENTS ACTIFS A ACTION SYSTEMIQUE, PROCEDES ET UTILISATION ASSOCIES**
[72] SOLL, MARK DAVID, US
[72] LARSEN, DIANE, US
[72] CADY, SUSAN MANCINI, US
[72] CHEIFETZ, PETER, US
[72] GALESKA, IZABELA, US
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[54] SYSTEME ROTATIF A VIDE ET TAMIS ET PROCEDES DE SEPARATION DE SOLIDES ET LIQUIDES
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[72] HICKS, ANDREW, CA
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[54] AMELIORATIONS APPORTEES A DES METHODES ET A DES DISPOSITIFS DESTINES A L'ADMINISTRATION DE PRODUITS THERAPEUTIQUES A LA SPHERE OCULAIRE D'UN PATIENT
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[72] BIGEY, PASCAL, FR
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[72] CHOJNICKI, ERIC, US
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[71] VIIV HEALTHCARE COMPANY, US
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[72] NICOLAIDES, KYPROS, GB
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[54] **PREPARATION ORALE A ACTION RAPIDE POUVANT AUGMENTER LE TAUX D'ARGININE DANS LE SANG CONTENANT DE LA CITRULLINE ET DE L'ARGININE**
[72] OCHIAI, MASAYUKI, JP
[72] MORISHITA, KOJI, JP
[72] HAYASHI, TOSHIO, JP
[71] KYOWA HAKKO BIO CO., LTD., JP
[71] NATIONAL UNIVERSITY CORPORATION NAGOYA UNIVERSITY, JP
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[54] **METHODES DE MODULATION DE L'APOPTOSE PAR L'ADMINISTRATION D'AGONISTES OU D'ANTAGONISTES DE RELAXINE**
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[71] OREN TECHNOLOGIES, LLC, US
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[54] **SYSTEME ET PROCEDE DE COMPENSATION DE DEPHASAGE DE FREQUENCE POUR UN SYSTEME RADIO AVEC DECALAGE DOPPLER RAPIDE**
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[54] **POLYPEPTIDE ANTAGONISTE DU SOUS-TYPE 4 DU RECEPTEUR DES CHIMIOKINES CXC (CXCR4)**
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[72] MUNCH, JAN, DE
[72] STANDKER, LUDGER, DE
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[72] SEMPLE, J. EDWARD, US
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[54] **ATTACHES A DECHIRER DE FORME NATURELLE ET RAIDISSEURS POUR CLOISONS DE COMPRESSION FAITE D'UN MATERIAU COMPOSE SPHERIQUES OU QUASI SPHERIQUES**
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[72] CAMPANA, JOSEPH H., US
[71] THE BOEING COMPANY, US
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[54] **APPAREIL DE SERVICE A COMMANDE DIRECTIONNELLE**
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[72] CHEUNG, KWUN-WING W., US
[71] THE BOEING COMPANY, US
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[72] DUBOWCHIK, GENE M., US
[72] MACOR, JOHN E., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **CARTOGRAPHIE ADAPTATIVE AVEC RESUMES SPATIAUX DE DONNEES DE CAPTEUR**
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[72] EADE, ETHAN, US
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[54] **PROCEDE ET APPAREIL POUR MAINTENIR LA PRIORITE ET LA QUALITE DE SERVICE A TRAVERS DES DISPOSITIFS MULTIUTILISATEUR**
[72] MAO, WEI, US
[72] MILLER, TRENT J., US
[72] SCHULER, FRANCESCA, US
[71] MOTOROLA SOLUTIONS, INC., US
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[54] **METHOD FOR DERIVING A MERGE CANDIDATE BLOCK AND DEVICE USING SAME**
[54] **PROCEDE DE DERIVATION D'UN BLOC CANDIDAT INTERCALAIRE ET DISPOSITIF EMPLOYANT LEDIT PROCEDE**
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[72] KWON, JAE CHEOL, KR
[72] KIM, JOO YOUNG, KR
[71] KT CORPORATION, KR
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[54] **METHOD AND SIGNAL PROCESSING UNIT FOR MAPPING A PLURALITY OF INPUT CHANNELS OF AN INPUT CHANNEL CONFIGURATION TO OUTPUT CHANNELS OF AN OUTPUT CHANNEL CONFIGURATION**
[54] **PROCEDE ET UNITE DE TRAITEMENT DE SIGNAUX PERMETTANT DE REALISER UNE MISE EN CORRESPONDANCE ENTRE UNE PLURALITE DE CANAUX D'ENTREE D'UNE CONFIGURATION DE CANAUX D'ENTREE ET DES CANAUX DE SORTIE D'UNE CONFIGURATION DE CANAUX DE SORTIE**
[72] HERRE, JURGEN, DE
[72] KUCH, FABIAN, DE
[72] KRATSCHMER, MICHAEL, DE
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[72] FALLER, CHRISTOPH, CH
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[54] **EVALUATION DE PARAMETRES SEMI-MERIDIENS TOPOGRAPHIQUES POUR L'ANALYSE D'ASTIGMATISME DE LA CORNEE ET TRAITEMENT DE PLANIFICATION DE VECTEUR**
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[71] ALPINS, NOEL AMI, AU
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[54] **GENERATION DE BRUIT DANS DES CODECS AUDIO**
[72] SETIAWAN, PANJI, DE
[72] WILDE, STEPHAN, DE
[72] LOMBARD, ANTHONY, DE
[72] DIETZ, MARTIN, DE
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[54] **PINCES POUR CAISSONS ET SYSTEMES DE PINCES**
[72] MANAHAN, JOSEPH MICHAEL, US
[71] COOPER TECHNOLOGIES COMPANY, US
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[54] **PROCEDE DE PREDICTION INTRA, ET CODEUR ET DECODEUR L'UTILISANT**
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[72] PARK, SEUNGWOOK, KR
[72] LIM, JAEHYUN, KR
[72] KIM, JUNGSUN, KR
[72] CHOI, YOUNGHEE, KR
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[51] **Int.Cl. A61B 5/1468 (2006.01) A61B 5/145 (2006.01) H05K 5/02 (2006.01)**
[25] EN
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[72] KREITLOW, DAVID B., US
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[22] 2009-03-17
[41] 2009-09-24
[62] 2,718,265
[30] US (61/037,246) 2008-03-17
[30] US (12/405,985) 2009-03-17

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[21] **2,968,787**
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[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
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[72] MORRIS, RAY J., US
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[72] DURAND, SEVERN D., US
[71] ESCO CORPORATION, US
[22] 2007-03-28
[41] 2007-11-01
[62] 2,868,579
[30] US (60/787,268) 2006-03-30

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[21] **2,968,870**
[13] A1
[51] **Int.Cl. F16C 27/02 (2006.01) F16C 27/08 (2006.01)**
[25] EN
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[54] **PALIER DE BUTEE**
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[71] IHI CORPORATION, JP
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[41] 2014-07-31
[62] 2,899,407
[30] JP (2013-013170) 2013-01-28

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[21] **2,969,022**
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[51] **Int.Cl. E01H 5/09 (2006.01)**
[25] EN
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[41] 2015-09-06
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[30] US (14/639,586) 2015-03-05
[30] US (61/988,959) 2014-05-06
[30] US (61/948,911) 2014-03-06

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[21] **2,969,147**
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[71] CFPH, LLC, US
[22] 2005-12-22
[41] 2006-06-29
[62] 2,592,033
[30] US (11/021,848) 2004-12-22

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RAY, RANDALL L.	2,617,153
RAYAPATI, RAVI NAIDU	2,767,132
RAYNER, JOSH	2,720,709
RAYTHEON COMPANY	2,772,387
RAYTHEON COMPANY	2,874,616
RAZ, DAN	2,880,693
RECKMANN, HANNO	2,814,862
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REHWINKEL, HARTMUT	2,752,114
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REICH, HARRY	2,883,971
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RHODES, GEOFFREY	2,746,518
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RHODIA OPERATIONS	2,866,842
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RICHELSOPH, MARC E.	2,754,766
RICOH COMPANY, LTD.	2,791,509
RIGEL PHARMACEUTICALS, INC.	2,768,543
RIJFERS, ANDRIES	2,754,337
RILEY, SHAWN PATRICK	2,886,653
RINBERG, GREGORY	2,880,693
RING, LEV	2,869,066
RIO TINTO ALCAN INTERNATIONAL LIMITED	2,833,903
RITTE, GERHARD	2,558,747
RITZBERGER, CHRISTIAN	2,898,793
RIVERO, GERMAN JOSE	2,825,915
RIVERS, GORDON T.	2,819,744
RO, SANGMIN	2,727,699
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SAMSUNG ELECTRONICS CO., LTD.	2,877,202
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BRIFCANI, NOORI MOYAD 2,963,617
BRIGHTCHARGER EUROPE OY LTD 2,962,554
BRIJS, KRISTOF 2,966,814
BRISTOL, INC., D/B/A REMOTE AUTOMATION SOLUTIONS 2,962,952
BRISTOL-MYERS SQUIBB COMPANY 2,968,961
BRISTOL-MYERS SQUIBB COMPANY 2,969,338
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED 2,963,957
BRITTON, DANIEL WILLIAM 2,969,079
BRITTON, PETER RICHARD 2,958,734
BRODEUR, GARRETT M. 2,969,540
BRONSHTEIN, VICTOR 2,968,954
BROOKS, LAURA 2,967,522
BROOKS, LAURA 2,967,523
BROOKS, LAURA 2,967,524
BROOKS, LAURA 2,967,527
BROWN, ANDREW A. 2,965,578
BROWN, IRINA 2,969,544
BROWN, KEITH 2,969,350
BROWN, STANLEY C. 2,965,483
BROWN, STEPHEN C. 2,963,096
BROWN, TRAVIS 2,968,863
BROWNIE, JOHN 2,965,491
BRUCKNER, JAN 2,966,811
BRUGGEMANN, TROY 2,969,552
BRULE, BENOIT 2,965,371
BRUMLEY, EDWARD W. 2,962,068
BRUMM, CHRISTOPHER 2,969,216
BRUNELLI, ANTHONY LOUIS 2,968,857
BRUNET, JEAN-PHILIPPE 2,965,585
BRUNI, COSTANTINO 2,967,087
BRUTON, CONNOR 2,964,829
BRUTON, CONNOR 2,964,844
BRYSCH, WOLFGANG 2,966,671
BU, FANPING 2,969,418
BUCKINGHAM, SAMUEL GWYNN 2,969,083
BUDHIA, MICKEL BIPIN 2,963,153
BUEKENHOUDT, ANITA 2,961,693
BUETEFUER, JOHN LAWRENCE 2,969,344
BUNDERS, CYNTHIA 2,968,973
BURGER, GUNTER 2,964,827
BURGESS, KARL 2,967,514
BURGESS, KARL 2,967,516
BURGMANS, HIDDE HANS 2,956,339
BURGSTALLER, CHRISTIAN 2,968,789
BURI, MATTHIAS 2,966,055
BURNS, MICHAEL 2,968,369
BURTON, DAVID 2,968,645
BUSBY, JEFF 2,969,519
BUSSIAHN, RENE 2,963,457
BUSSMANN, MARKUS 2,959,744
BUSSMANN, MARKUS 2,959,759
BUSSMANN, MARKUS 2,960,077
BUSSMANN, MARKUS 2,960,766
BUTLER, CIMON 2,969,065
BUTTER-JENTSCH, RALPH 2,967,113
BUTTERFLY FLEXIBLE SEATING SOLUTIONS LIMITED 2,969,000
BWG BERGWERK- UND WALZWERK-MASCHINENBAU GMBH 2,967,082
BYO TOWERS, S.L. 2,964,327
BYRNE, EAMONN 2,968,871
CABANERO, GERMAN 2,965,561
CAESAR, THOMAS 2,956,867
CAESARS ENTERTAINMENT OPERATING COMPANY, INC. 2,965,836
CAFARO, ENRICO RAFFAELE 2,965,136
CAGENT VASCULAR, LLC 2,969,535
CAGENT VASCULAR, LLC 2,969,538
CAGNAZZO, MARCO 2,962,864
CAI, NAN 2,969,209
CAIRNS, ANDREW GERARD 2,966,960
CAKMAK, MUKERREM 2,968,967
CALDARELLA, FRANCO 2,969,351
CALDERON, JOSEPH 2,965,701
CALIXTE, LAURENT 2,964,023
CALL, DERICK 2,965,468
CALLAN, JAMES 2,965,188
CALZIFICIO PINELLI S.R.L. 2,960,055
CAMASCA RAMIREZ, CLAUDIO ARMANDO 2,963,153
CAMEZ, CEDRIC 2,962,752
CAMFIL AB 2,962,295
CAMFIL AB 2,962,495
CAMPAGNARO, FERNANDO GABRIEL 2,964,071
CAMPBELL, JOHN 2,965,708
CAMPI, ANDREA 2,964,583
CANLI, TURKMEN 2,969,210
CANON KABUSHIKI KAISHA 2,969,088
CAPPS, KENLEY 2,968,369
CAPUTO, PETE JOSEPH II 2,963,243
CARDOZO, TIMOTHY 2,969,463
CARELLA, JOSE M. 2,969,374
CARL FREUDENBERG KG 2,956,867
CARL FREUDENBERG KG 2,957,992
CARL FREUDENBERG KG 2,959,214
CARLOCK, LEON 2,969,586
CARLSON, RYAN D. 2,968,368
CARNALI, JOSEPH ORESTE 2,966,721
CARNALI, JOSEPH ORESTE 2,966,790
CARPENTER, COLIN MORTHOUSE 2,965,983
CARTMILL, COLIN 2,966,248
CARVAJO LUCENA, IGNACIO 2,963,029
CASALE SA 2,959,950
CASALE SA 2,967,087
CASNER, GLENN E. 2,969,534
CAST CONNEX CORPORATION 2,969,348
CASTELLINO, FRANCESCO 2,961,832
CASTRO FEO, BEGONA 2,964,501
CASTRO, ALBERT 2,968,851
CATBIRD NETWORKS, INC. 2,963,232
CATHAUD, EDDY 2,963,191
CAUTEREELS, VIC 2,966,088
CAUWENBERGH, GERARD 2,969,590
CAVANAUGH, MATTHEW 2,968,526
CAVAZZIN, ANDREA 2,965,596
CECCHETTO, MASSIMO 2,966,794
CELGENE CORPORATION 2,969,572
CELLECTIS 2,969,384
CENDEJAS ZARAGOZA, LEOPOLDO 2,969,228
CENTOGENE AG 2,967,504

CENTRE NATIONAL D'ETUDES SPATIALES CNES 2,969,037
CENTRE NATIONAL D'ETUDES SPATIALES CNES 2,969,146
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS- 2,962,864
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,959,652
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,964,043
CENTRE TECHNIQUE DES INDUSTRIES MECANIQUES 2,965,394
CFRALOC INNOVATION AB 2,969,191
CERRIDA, MASSIMILIANO 2,963,711
CHAE, HYUKJIN 2,962,388
CHAKRABORTY, DEBASISH 2,969,362
CHAKRAVARTY, SAGNIK 2,969,386
CHALMERS, HARVEY 2,962,398
CHAN, JACKIE SHEK KEI 2,969,574
CHAN, JASON 2,962,228
CHAND, SUBHASH 2,969,065
CHANDLER, DOUGLAS M. 2,963,880
CHANDRA, DINESH 2,969,625
CHANG, CHIEN-HSING 2,968,818
CHANG, EMILY RAINS 2,968,815
CHATTERJEE, ARNAB K. 2,968,874
CHAUDHARY, BHARAT I. 2,965,306
CHEMALI, ROLAND E. 2,969,322
CHEN, CHEN 2,969,353
CHEN, HAO 2,967,126
CHEN, HAU-JIUN 2,969,232
CHEN, JACK 2,969,065
CHEN, JIANMING 2,969,209
CHEN, LINA 2,969,209
CHEN, LU 2,969,078
CHEN, MU-KUEI 2,969,010
CHEN, TSANG-TSE 2,969,010
CHEN, YILONG 2,969,012
CHENG, LI 2,967,118
CHENG, SHINTA 2,969,338
CHENG, YING 2,969,344
CHERIAN, GEORGE 2,963,155
CHERUVATTA, REJISH PUTHIYEDATH 2,962,418
CHEVRON PHILLIPS CHEMICAL COMPANY LP 2,965,335
CHI-KWAN LING, NICHOLAS 2,969,609
CHIANG, YU-WEI 2,966,191
CHINA PETROLEUM & CHEMICAL CORPORATION 2,969,359
CHIPCARE CORPORATION 2,969,078
CHIYODA CORPORATION 2,969,333
CHOPRA, PRANAV 2,965,123
CHOPRA, PRANAV 2,965,128
CHOPRA, PRANAV 2,965,133
CHORKENDORFF, IB 2,969,362
CHOW, JAMES R. 2,962,978
CHRIST, KEVIN G. 2,968,970
CHRISTOPOULOS, CONSTANTIN 2,969,348
CHUCHRO, PAULA J. 2,965,694
CHUINARD, CHRISTOPHER R. 2,969,436
CHUNG, JOON HYUNG 2,962,779
CID-NUNEZ, JOSE MARIA 2,967,226
CLAESSENS, ROGER PIERRE HUBERTUS MARIA 2,964,342
CLAGETT-DAME, MARGARET 2,969,334
CLARIANCE 2,966,590
CLARIANT PLASTICS & COATINGS LTD 2,966,427
CLARIANT PLASTICS & COATINGS LTD 2,966,781
CLAVERT, PHILIPPE 2,969,436
CLEMENT, TOM 2,968,996
CLERIVET, PIERRE 2,963,162
CLIMAX, JOHN 2,968,980
CLYNNE, THOMAS 2,968,408
CNH INDUSTRIAL CANADA, LTD. 2,969,075
CNH INDUSTRIAL CANADA, LTD. 2,969,170
COBOS, MARIA DEL PILAR 2,969,243
COE, JONATHAN ALLEN 2,969,129
COGEN, JEFFREY M. 2,965,306
COLE, BRADLEY JAMES 2,968,880
COLE, IVAN STUART 2,969,347
COLES, GERALD C. 2,968,824
COLLINS, CHARLES 2,968,941
COLLINS, CHARLES 2,968,942
COLLINS, RYAN PATRICK 2,969,512
COLLURU, VISWA 2,965,530
COLOMBET, THIERRY 2,959,464
COLORADO STATE UNIVERSITY RESEARCH FOUNDATION 2,968,820
COLSTON, MICHAEL 2,969,476
COMBILIFT 2,966,245
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 2,969,347
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 2,969,106
COMPUTER SCIENCES CORPORATION 2,962,814
CONRADSEN, CHRISTIAN NAGSTRUP 2,969,362
CONSTANTIN, JAMIL 2,966,985
CONSTELLIUM VALAIS SA (LTD) 2,965,738
CONVENTUS ORTHOPAEDICS, INC. 2,969,316
CONVERGENT DENTAL, INC. 2,968,841
COOKE, STEPHEN 2,969,350
COOPER, JONATHAN 2,967,124
COOYMANS, LUDWIG PAUL 2,954,751
COPLAND, RICHARD J. 2,969,513
CORETEQ SYSTEMS LTD 2,967,502
CORIC, VLADIMIR 2,969,338
COROCHER, CARLO 2,963,164
CORONA, ALESSANDRO, III 2,964,465
CORPAK MEDSYSTEMS, INC. 2,968,834
CORTNER, THOMAS SCOTT 2,969,512
COSTA, RICARDO JORGE JOTA 2,965,733
COSTE, M. 2,960,697
COSTELLO, DAVID M. 2,969,205
COTTINGHAM, IAN 2,969,314
COULTER, IVAN 2,966,801
COURTIN, KARINE 2,967,191
COVIDIEN LP 2,969,205
COWLEY, WILLIAM GEORGE 2,969,344
COZZA, LUCA 2,969,065
CPPE CARBON PROCESS & PLANT ENGINEERING S.A. 2,958,732
CRAIN, STEVEN P. 2,965,506
CRAMER, JACOB FLYVHOLM 2,966,718
CRONA, BJORN 2,967,138
CROSSMAN, MARTIN CHARLES 2,967,514
CROSSMAN, MARTIN CHARLES 2,967,516
CUMMINGS, PETER 2,968,532
CUPP, TIMOTHY L. 2,965,534
CURETIS GMBH 2,957,824
CURT G. JOA, INC. 2,969,248
CUTLER, JOSHUA I. 2,965,116
CYFUSE BIOMEDICAL K.K. 2,968,347
CYPHER, MARIA 2,969,586
CZWALUK, ANDREAS 2,966,308
CZWALUK, ANDREAS 2,966,312
CZWALUK, ANDREAS 2,966,373
DADACHOVA, EKATERINA 2,969,625
DAHLBERG, NIKLAS 2,968,762
DAHLSTRAND, CHRISTIAN 2,965,276
DAHMASH, EMAN 2,965,193
DAI NIPPON PRINTING CO., LTD. 2,969,016
DAIFUKU CO., LTD. 2,969,207
DAIICHI SANKYO COMPANY, LIMITED 2,969,013
DAILEY, SCOTT 2,966,194
DAIMLER AG 2,965,855
DAMIANO, ANNE-LISE 2,965,270
DAMSCHRODER, MELISSA 2,967,118
DANA-FARBER CANCER INSTITUTE 2,969,417
DANA-FARBER CANCER INSTITUTE, INC. 2,968,939
DANMARKS TEKNISKE UNIVERSITET 2,969,362
DANSET, GAETAN 2,966,543
DANZIGER INNOVATIONS LTD. 2,968,808
DAO, NGOC-DUNG 2,969,138
DATHE, HENDRIK 2,966,244
DAVE, RAJENDRA MOHANLAL 2,966,721
DAVIDI, RAN 2,965,983
DAVIDSON, BENJAMIN T. 2,969,248
DAVIES, MARTIN VINCENT 2,966,235
DAVIS, COLLIN CHARLES 2,962,825
DAVIS, HARRY 2,968,913

DAVIS, STEPHEN MOORE 2,969,517
DAVISON, MATTHEW S. 2,967,819
DE BOER, MARTIN 2,966,078
DE CLERCQ, YVAN 2,963,169
DE COOMAN, BART 2,967,119
DE DONCKER, LINDA 2,963,169
DE JONG, NICKY WILHELMUS JOHANNES HENDRIKUS 2,964,342
DE LA ROSA, ABEL 2,969,372
DE LHONEUX, BENOIT 2,965,230
DE NATIONALE GEOLOGISKE UNDERSOGELSER FOR DANMARK OG GRONLAND 2,958,615
DE OLIVEIRA, JUAN-CARLOS 2,969,348
DE OLIVEIRA, RUBEM SILVERIO, JR. 2,966,985
DE OLIVEIRA, SERGIO 2,966,194
DE PIETRI TONELLI, ROBERTO 2,963,711
DE ROO, PETER ROBERT 2,959,195
DE WAAL MALEFIJT, BERNARD WILLEM 2,958,564
DE WAAL MALEFIJT, BERNARD, WILLEM 2,966,264
DEANS, ALLAN BUSHELL 2,969,477
DEBRAUWER, CHRISTELLE 2,965,270
DECKARD, AARON D. 2,968,368
DECKARD, AARON D. 2,969,107
DECKED LLC 2,969,118
DEEBA, MICHEL 2,966,943
DEGIOVANNI, ALAIN 2,959,652
DEGUZMAN, BRIAN J. 2,969,448
DEGUZMAN, BRIAN J. 2,969,579
DEISSEROTH, KARL A. 2,969,453
DELAVAL HOLDING AB 2,964,356
DELAVAL HOLDING AB 2,964,460
DELCOUR, JAN 2,966,814
DELFOS, RICCO JOHANNES 2,956,339
DELUCA, HECTOR F. 2,969,334
DEMCHUK, ANDREW MICHAEL 2,969,140
DENG, CHANGSHUN 2,969,001
DENG, SHOUQUAN 2,969,357
DENGLER, JOACHIM 2,967,111
DENHAM, MARTIN S. 2,966,353
DENISOFF, ALEKSANDER 2,969,606
DENK, TIM 2,963,829
DENNISON, DANIEL B. 2,968,831
DENTSPLY IH AB 2,968,762
DEOLALIKAR, NEELESH 2,968,952
DERANSART, PIERRIC 2,969,436
DESHPANDE, SACHIN G. 2,969,342
DESLAURIERS, PAUL J. 2,965,335
DEVINE, MARTIN JOHN 2,965,875
DEVOS, PHILIPPE 2,965,035
DEVOS, PHILIPPE 2,965,037
DEWITT, KRISTOPHER DANIEL 2,966,191
DHUPER, SUNIL KUMAR 2,968,982
DIAS, ERIC L. 2,968,981
DIAZ, FREDERIC 2,966,785
DIAZ, JAVIER 2,958,107
DIC CORPORATION 2,969,309
DIC CORPORATION 2,969,317
DICHARRY, RICHARD DONALD 2,962,948
DICKHAUT, JOACHIM 2,966,562
DICKSON, GEORGE 2,953,187
DIEBOLD SELF-SERVICE SYSTEMS DIVISION OF DIEBOLD, INCORPORATED 2,966,194
DIEDRICH, GUNDO 2,967,118
DIEHL, ANDREW KARL 2,969,407
DIEHL, ANDREW KARL 2,969,423
DIEHL, ANDREW KARL 2,969,435
DIEHL, ANDREW KARL 2,969,488
DIEZ CORNEJO, ALFONSO 2,964,327
DIGARD, HELEN 2,963,957
DILLARD, WALTER SCOTT 2,965,531
DING, HUANQING 2,969,479
DINGWALL, ANNE-CECILE 2,965,578
DM SYSTEMS INC. 2,966,221
DMYTROW, ERIN M. 2,966,364
DOLBY INTERNATIONAL AB 2,962,806
DOMINGUEZ, JESUS 2,958,107
DONDERICI, BURKAY 2,969,319
DONDERICI, BURKAY 2,969,321
DONDERICI, BURKAY 2,969,322
DONNELLY, DAVID 2,968,961
DORGEO, VALERIE 2,966,814
DOSSO S.R.L. 2,964,583
DOU, JAMES JIAHUA 2,969,078
DOW AGROSCIENCES LLC 2,969,617
DOW GLOBAL TECHNOLOGIES LLC 2,964,920
DOW GLOBAL TECHNOLOGIES LLC 2,965,306
DOW GLOBAL TECHNOLOGIES LLC 2,965,497
DOW GLOBAL TECHNOLOGIES LLC 2,965,506
DOW GLOBAL TECHNOLOGIES LLC 2,969,002
DOW GLOBAL TECHNOLOGIES LLC 2,969,004
DOW GLOBAL TECHNOLOGIES LLC 2,969,005
DRAEGER, OLIVER 2,966,722
DRELON, NICOLAS 2,966,543
DRENNAN, DENIS BURKE 2,966,221
DRESSER, CHARLES H. 2,968,841
DREVELLE, ANTOINE SERGE DOMINIQUE 2,956,028
DREW, THOMAS 2,965,193
DREXL, MICHAEL 2,958,385
DREXLER, HERMANN 2,966,417
DROCCO, LUCA 2,965,592
DROCCO, LUCA 2,965,597
DROCCO, MARIO 2,965,592
DROCCO, MARIO 2,965,597
DRONEN, OLE MAGNAR 2,969,313
DROZ, XUAN 2,959,464
DSM IP ASSETS B.V. 2,961,128
DSM IP ASSETS B.V. 2,967,126
DU, XINYAO 2,953,341
DUBOEUF, JEREMY 2,969,314
DUCHARME, DAVID 2,965,373
DUCHATEAU, PHILIPPE 2,969,384
DUCKWORTH, DAVID G. 2,918,558
DUDUROVIC, MILE 2,969,477
DUFAUX, FREDERIC 2,962,864
DUFFY, KEVIN 2,968,980
DUMONT, LAURE 2,969,145
DUPONT NUTRITION BIOSCIENCES APS 2,966,471
DUPONT NUTRITION BIOSCIENCES APS 2,966,718
DURHAM, NICHOLAS M. 2,967,118
DUTREMBLE, THOMAS PAUL 2,965,127
DUTREMBLE, THOMAS PAUL 2,965,131
DY, SEAN ELLIOTT 2,969,353
DYCK, GERALS 2,969,351
DYER, KELLY 2,968,917
DYKSTRA, JASON D. 2,969,222
DYKSTRA, JASON D. 2,969,418
EATON LIMITED 2,960,081
EBERLEIN, ANSELM 2,954,103
EBERT, SOPHIA 2,969,186
ECOCHARD, CLAUDE 2,966,543
ECOLE SUPERIEURE DE PHYSIQUE ET DE CHIMIE INDUSTRIELLES DE LA VILLE DE PARIS 2,956,028
ECONIQ LIMITED 2,965,188
EDA, MASAYUKI 2,969,634
EDDY CURRENT LIMITED PARTNERSHIP 2,969,407
EDDY CURRENT LIMITED PARTNERSHIP 2,969,423
EDDY CURRENT LIMITED PARTNERSHIP 2,969,435
EDDY CURRENT LIMITED PARTNERSHIP 2,969,488
EDELMANN, BIANCA 2,966,764
EDER, CLAUDIA 2,956,681
EDWARD CUCKNELL, ALAN JOHN 2,964,855
EICHER, DOMINIC 2,962,482
EISELE, THOMAS 2,966,718
EISENER, RAFAEL 2,965,855
EIZEN, MICHA 2,969,219
ELSTRAND, PER 2,962,806
ELBIT SYSTEMS LTD. 2,969,096
ELI LILLY AND COMPANY 2,959,551
ELI LILLY AND COMPANY 2,968,529
ELI LILLY AND COMPANY 2,968,677
ELIAS, WILLIAM E. 2,962,978
EMBRECHTS, WERNER CONSTANT JOHAN 2,954,751
EMM HOLDING BV 2,959,195
EMORY UNIVERSITY 2,969,372
EMPI, INC. 2,965,998
EMPTING, MARTIN 2,966,397
ENERGY MACHINES S.A. 2,966,552
ENERGY MACHINES S.A. 2,966,554
ENNIS, MICHAEL 2,969,546
ENTREMATIC BELGIUM NV 2,964,206
ENTRINSIC HEALTH SOLUTIONS, LLC 2,968,831

ENVIROPLAZ INTERNATIONAL HOLDINGS LIMITED 2,968,795
ERGIN, MEHMET 2,965,440
ESCAFFRE, PASCALE 2,956,663
ESCAFFRE, PASCALE 2,956,766
ESPIE, JEAN-LUC 2,966,785
ESSEGHIR, MOHAMED 2,965,306
ESSEGHIR, MOHAMED 2,969,002
ESSEGHIR, MOHAMED 2,969,004
ESSEGHIR, MOHAMED 2,969,005
ESSER, ANTON 2,964,420
ESSILOR INTERNATIONAL(COMPAGNIE GENERALE D'OPTIQUE) 2,964,023
ETABLISSEMENTS J. SOUFFLET 2,956,028
ETEX SERVICES NV 2,965,230
ETH ZURICH 2,967,162
ETXE-TAR, S.A. 2,958,107
EUROPEAN MOLECULAR BIOLOGY LABORATORY 2,962,482
EVENSMO, MORTEN HVISTENDAHL 2,958,734
EVEROST UK LTD. 2,968,477
EVONIK DEGUSSA GMBH 2,958,523
EVONIK DEGUSSA GMBH 2,961,854
EVONIK ROHM GMBH 2,963,829
EWE, WEI-BIN 2,969,322
EXIMORE LTD. 2,968,926
EXTRACTOR CORPORATION 2,968,971
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,965,491
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,963,092
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,965,116
F. HOFFMANN-LA ROCHE AG 2,966,287
F. HOFFMANN-LA ROCHE AG 2,966,289
F. HOLZER GMBH 2,965,191
F.HOFFMANN-LA ROCHE AG 2,967,194
F.HOFFMANN-LA ROCHE AG 2,967,201
FACEBOOK, INC. 2,969,094
FACEBOOK, INC. 2,969,095
FACEBOOK, INC. 2,969,230
FACEBOOK, INC. 2,969,353
FACEBOOK, INC. 2,969,517
FACULDADE DE CIENCIAS MEDICAS DA UNIVERSIDADA NOVA DE LISBOA 2,965,780
FAIVELEY TRANSPORT ITALIA S.P.A. 2,965,596
FALDT, ANDRE 2,953,284
FANGET, ALAIN 2,967,155
FARMANBAR, HAMIDREZA 2,969,138
FARRER, STEPHEN W. 2,969,513
FAUQUETTE, CHARLES 2,964,206
FAVART, LUC 2,969,436
FEDORKA, THOMAS 2,965,123
FEDORKA, THOMAS 2,965,128
FEDORKA, THOMAS 2,965,131
FEDORKA, THOMAS 2,965,133
FEDORKA, THOMAS 2,965,136
FELDERHOFF, JEAN-MICHEL 2,965,551
FEMEC, ALEX ANTON 2,969,126
FERNANDO, KEETHAN DASNAVIS 2,962,756
FERRIER, ANDREW (DECEASED) 2,968,795
FERRING B.V. 2,969,314
FIERENS, ELLEN 2,966,814
FIREREIN INC. 2,968,882
FIRMIN, PAVEL 2,963,957
FISCHER, KAI JURGEN 2,967,209
FISHER CONTROLS INTERNATIONAL LLC 2,965,341
FISHER, MATTHEW S. 2,968,985
FISHER, ROBIN 2,967,522
FISHER, ROBIN 2,967,523
FISHER, ROBIN 2,967,524
FISHER, ROBIN 2,967,527
FLACH, NICLAS 2,960,039
FLEISCHEL, OLIVIER 2,969,186
FLEMING, WESLEY JUSTIN 2,969,082
FLEURY, CYRILLE AROUN KOUMAR 2,969,436
FLINGAI, SELEEKE 2,969,214
FLOORING TECHNOLOGIES LTD. 2,966,674
FLORACK, DIONISIUS ELISABETH ANTONIUS 2,963,617
FLORIDI, GIOVANNI 2,966,794
FOLSOM, MATTHEW D. 2,968,842
FORCE, ERIC 2,962,756
FORD, JASON 2,969,552
FORLINES, CLIFTON 2,965,733
FOROOZAN, FOROOHAR 2,969,253
FORRESTER, RAYMOND ALVERO, JR. 2,964,150
FORSCHUNGSZENTRUM JULICH GMBH 2,965,576
FOSTAG FORMENBAU AG 2,965,724
FOSTAG FORMENBAU AG 2,965,725
FOURNET, ARNAUD 2,965,086
FOWLER, TRACY A. 2,965,116
FOX, ANDREW R. 2,969,381
FRASCELLA, COSIMO 2,964,580
FRASER, JAMES ANDREW 2,969,078
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,964,028
FRAZZINI, MICHAEL ANTHONY 2,962,825
FREDRICKSON, DONOVAN L. 2,968,368
FREEMAN, BENJAMIN 2,968,838
FRENZEL, ULRICH 2,966,051
FREULON, ARNAUD THIERRY JEAN-MARIE 2,962,513
FRICK, ROBERT 2,969,510
FRIDRISCHAK, SIEGMUND 2,964,665
FRIEDLI, PAUL 2,965,746
FRIEDLI, PAUL 2,966,478
FROCK, JEFFREY L. 2,965,534
FROMENT, MARION 2,964,295
FU, CHAI-HUI 2,969,010
FU, XIAOPING 2,966,769
FUGITT, JESSE A. 2,969,210
FUJIKURA LTD. 2,958,489
FUJIMOTO, YUKINORI 2,969,312
FUJITA, SHINYA 2,969,196
FUKASAWA, HIROKO 2,969,106
FUKUSHIMA, TAKAAKI 2,969,135
FUNATO, JUNICHI 2,969,198
FUNDACION CIDETEC 2,965,561
FURUTA, KAZUHIRO 2,969,202
FURUTA, YASUTAKA 2,969,398
FURUYAMA, SHUSUKE 2,969,192
FUSHIHARA, KENICHI 2,969,192
FUSHUN RESEARCH INSTITUTE OF PETROLEUM AND PETROCHEMICALS, SINOPEC CORP. 2,969,359
GABORIT, VINCENT 2,969,436
GACHOTTE, DANIEL J. 2,969,617
GAIN, PHILIPPE 2,964,043
GALE, MARY J. 2,965,491
GALILI, BEN 2,969,093
GALLE, PAUL 2,964,322
GALLIANO, CLINTON CHERAMIE 2,968,953
GALLIANO, CLINTON CHERAMIE 2,969,234
GALLO, ERIK 2,966,794
GALUN, EITHAN 2,969,336
GALVANI BIOELECTRONICS LIMITED 2,965,780
GALVIN, JIM 2,968,871
GAMBLEN, JASON 2,968,997
GANE, PATRICK A.C. 2,966,055
GANTENBEIN, DANIEL 2,966,055
GAO, BAOAN 2,969,209
GAO, QIAN 2,965,123
GAO, QIAN 2,965,133
GARCIA CASTRO, IVETTE 2,965,228
GARCIA, RENE 2,968,941
GARDNER, ADAM 2,969,546
GARDNER, STEPHEN PHILIP 2,960,551
GARDNER, STEPHEN PHILIP 2,960,564
GARDSRUD, HANS OYVIND 2,964,164
GARELLA, DOMINIK 2,966,798
GARNICA RODRIGUEZ, JAIRO IVAN 2,956,028
GATTO, STEPHEN J. 2,968,831
GAUGER, DONALD 2,962,814
GAUTHIER, GERARD PHILIPPE 2,965,396
GAUTIER, PHILIPPE 2,965,086
GE LIGHTING SOLUTIONS, LLC 2,968,408
GE OIL & GAS ESP, INC. 2,968,941
GE OIL & GAS ESP, INC. 2,968,942
GEHRIG, UWE 2,965,440
GELENCSER, GABOR 2,969,070
GENERAL CABLE TECHNOLOGIES CORPORATION 2,969,516

GENERAL ELECTRIC COMPANY 2,969,357
GENERAL ELECTRIC TECHNOLOGY GMBH 2,967,155
GENESIS TECHNICAL SYSTEMS CORP. 2,969,350
GENETHON 2,953,187
GEOGHEGAN, JAMES 2,967,118
GEORG MARTIN GMBH 2,965,410
GEORGE, WAYNE N. 2,965,578
GEORGIA TECH RESEARCH CORPORATION 2,966,191
GEORIS, JACQUES 2,966,814
GEREN, MICHAEL D. 2,962,068
GESTNER, BRIAN 2,968,991
GESTNER, BRIAN 2,969,343
GHIGLIONE, HERNAN OSCAR 2,966,985
GHOSH-DASTIDAR, ABHIJIT 2,964,920
GIASOLLI, ROBERT 2,969,535
GIASOLLI, ROBERT M. 2,969,538
GIESECKE & DEVRIENT GMBH 2,966,417
GIL, EREZ KIKIN 2,965,699
GILADI, HILLA 2,969,336
GILCHRIST, GARY 2,962,418
GILLOT, JULIEN 2,959,655
GILSON SAS 2,962,904
GIRAULT, GUILLAUME 2,969,558
GIROD, PIERRE-ALAIN 2,959,464
GIROTTO, ADRIANO 2,966,789
GIROTTO, ADRIANO 2,966,946
GKINETIC ENERGY LIMITED 2,966,071
GLATFELTER GERNSBACH GMBH 2,955,566
GLAUM, ROBERT 2,966,943
GLAXOSMITHKLINE CONSUMER HEALTHCARE LTD 2,960,562
GLOBAL SURGICAL CORPORATION 2,968,819
GLOSSNER, WILLIAM 2,962,814
GLOZMAN, DANIEL 2,969,093
GOCKE, ALEXANDER WILLIAM 2,969,226
GOEBEL, MICHAEL 2,966,943
GOLDENBERG, DAVID M. 2,968,818
GOLDENBERG, DAVID M. 2,968,990
GOLDMANN, FELIX 2,963,829
GOLTA, KAREL 2,967,113
GOLUBSKI, KARSTEN 2,959,744
GOLUBSKI, KARSTEN 2,959,759
GOLUBSKI, KARSTEN 2,960,077
GOLUBSKI, KARSTEN 2,960,766
GONZALEZ, JAIR J. 2,969,112
GONZALEZ, TONI JAUSET 2,968,866
GOOD TECHNOLOGY HOLDINGS LIMITED 2,962,418
GOOD, FOREST 2,968,875
GOOD, JAMES ARTHUR DUDLEY 2,966,960
GOODAL, KEVIN GEORGE 2,966,844
GOODON, MATTHEW D. 2,962,317
GORANSSON, HANS-GORAN 2,966,552
GORANSSON, HANS-GORAN 2,966,554
GORDON, JEREMY B. 2,965,127
GORDON, JEREMY B. 2,965,128
GORDON, JEREMY B. 2,965,131
GORDON, JEREMY B. 2,965,133
GORDON, JEREMY B. 2,965,136
GOUDON, JEAN-PHILIPPE 2,965,086
GOUDY, ERIC SHAWN 2,964,270
GOYAL, MAYANK 2,969,140
GRACIA ESPANA, RAQUEL 2,965,561
GRAHAM PACKAGING COMPANY, L.P. 2,965,293
GRAHAM WARD, DANIEL 2,964,855
GRAHAM, NEIL DERYCK BRAY 2,968,880
GRAHAM, PETER 2,967,514
GRAHAM, PETER 2,967,516
GRANDE, HANS-JURGEN 2,965,561
GRANDY, KRIS 2,969,131
GRANGE, DIDIER 2,960,697
GRANT, ALEXANDER JAMES 2,969,344
GRANT, DANIEL 2,965,491
GRASSO, ANGELO 2,965,596
GRAVEKAMP, CLAUDIA 2,969,625
GRAVES, BRIAN 2,965,468
GRAVES, WALTER VARNEY ANDREW 2,968,953
GRAVES, WALTER VARNEY ANDREW 2,969,234
GRAY, JULIAN 2,960,556
GRAY, MICHAEL 2,969,348
GREAT PLAINS MANUFACTURING, INCORPORATED 2,964,322
GREENBURG, BENJAMIN 2,969,205
GRIFFING, MATTHEW C. 2,969,416
GROSS, DANIEL ROBERT 2,964,904
GRUBB, SCOTT 2,965,123
GRUBB, SCOTT 2,965,128
GRUBB, SCOTT 2,965,133
GRUBB, SCOTT 2,965,136
GUBRA APS 2,965,560
GUI GLOBAL PRODUCTS, LTD. 2,963,087
GUILLARD, SANDRINE 2,967,118
GUILLEMETTE, CHRISTIAN 2,969,183
GUILLEMONT, JEROME EMILE GEORGES 2,954,751
GUILLEN-HURTADO, NOELIA 2,962,477
GUNDERSON, KEVIN L. 2,967,525
GUO, JIMING 2,969,143
GUO, YUANHAO 2,968,967
GUO, ZHUYAN 2,967,532
GUPTA, ARUN 2,968,489
GURA, TOBIAS 2,963,457
GURNEY, AUSTIN 2,969,401
GUSTAFSSON, JAN OLOF 2,966,387
GUYARD, AURELIEN 2,963,352
GVBB HOLDINGS S.A.R.L. 2,966,078
H. LEE MOFFITT CANCER CENTER AND RESEARCH INSTITUTE, INC. 2,969,417
HAAKANA, TIMO 2,965,586
HACHE, RAPHAEL 2,969,146
HACKLANDER, GUIDO M. 2,969,374
HACKNEY, RICHARD 2,964,833
HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD. 2,969,336
HAEHNLE, HANS-JOACHIM 2,964,420
HAERTEL, HEIKO 2,967,132
HAGEMEYER, ALFRED 2,968,981
HAGEMEYER, BRUCE 2,964,792
HAGIHARA, MASAHIKO 2,969,197
HAHN, KLAUS 2,966,379
HALAHMI, IZHAR 2,968,926
HALDOR TOPSOE A/S 2,960,919
HALDOR TOPSOE A/S 2,961,832
HALEY, DAVID VICTOR LAWRIE 2,969,344
HALFMAN, MARC JOHAN 2,964,342
HALLIBURTON ENERGY SERVICES, INC. 2,968,952
HALLIBURTON ENERGY SERVICES, INC. 2,968,953
HALLIBURTON ENERGY SERVICES, INC. 2,969,097
HALLIBURTON ENERGY SERVICES, INC. 2,969,211
HALLIBURTON ENERGY SERVICES, INC. 2,969,222
HALLIBURTON ENERGY SERVICES, INC. 2,969,232
HALLIBURTON ENERGY SERVICES, INC. 2,969,234
HALLIBURTON ENERGY SERVICES, INC. 2,969,310
HALLIBURTON ENERGY SERVICES, INC. 2,969,319
HALLIBURTON ENERGY SERVICES, INC. 2,969,321
HALLIBURTON ENERGY SERVICES, INC. 2,969,322
HALLIBURTON ENERGY SERVICES, INC. 2,969,324
HALLIBURTON ENERGY SERVICES, INC. 2,969,328
HALLIBURTON ENERGY SERVICES, INC. 2,969,416
HALLIBURTON ENERGY SERVICES, INC. 2,969,418
HALLIBURTON ENERGY SERVICES, INC. 2,969,512
HALLIBURTON ENERGY SERVICES, INC. 2,969,522
HALLIBURTON ENERGY SERVICES, INC. 2,969,621
HAMAGUCHI, JUN 2,969,207
HAMBERG, KRISTINA 2,960,039
HAMERS, CHRISTOPH 2,964,420
HAMERTON, LANCE 2,964,460
HAMMOND, SCOTT A. 2,967,118
HANDWERK, GARY 2,968,872
HANES OPERATIONS EUROPE SAS 2,964,839
HANES OPERATIONS EUROPE SAS 2,964,855

HANES OPERATIONS EUROPE SAS 2,964,856
HANI, SEMIJAN 2,957,132
HANSEN KJER, KARINA 2,966,718
HANSEN, BERND 2,964,285
HANSEN, JAMES G. 2,969,129
HANSON, BLAINE 2,969,391
HANTZ, YAEL 2,969,336
HAO, HAO 2,963,153
HAQUE, TARANA 2,969,348
HARA, MOTOTSUGU 2,969,312
HARIMA CHEMICALS, INCORPORATED 2,969,633
HARNENING, THOMAS 2,962,477
HARRAGHY, NIAMH 2,959,464
HARRASS, MICHAEL 2,969,481
HARRIS, CHAD TYLER 2,968,903
HART, CHARLES C. 2,968,846
HARTMAN, CODY L. 2,968,881
HARTMANN, PHILIP 2,969,182
HASE, KAZUKUNI 2,969,200
HASSENPFLUG, ERIC GUSTIN 2,968,677
HATCH, BRIGHAM 2,969,583
HATTRUP, MIKE 2,969,118
HAUENSTEIN, THOMAS 2,964,028
HAUGE PEDERSEN, STEVEN 2,966,264
HAY, CARL 2,967,118
HAYAKAWA, RYOICHI 2,969,013
HAYNES, ANDREW LEO 2,969,083
HEAD, PHILIP 2,967,502
HEDHLI, SABER 2,962,833
HEFLICH, HEBERT 2,969,203
HEGER, EGON 2,967,100
HEGETSCHWEILER, KASPAR 2,966,951
HEIDELBERG IMMUNOTHERAPEUTICS GMBH 2,950,489
HEIKKINEN, TUOMO 2,964,044
HEIM, EBERHARD 2,964,499
HEINDL, DIETER 2,966,289
HEINZ, GERARD JOSEPH, II 2,962,825
HEINZ, STEFFEN 2,956,867
HEITMANN, HERR JENS 2,957,824
HELLMUTH, HENDRIK 2,966,951
HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUR MATERIAL-UND KUSTENFORSCHUNG GMBH 2,950,829
HEMBER, MILES 2,965,127
HEMBER, MILES 2,965,136
HEMPLER, MATHIAS 2,963,829
HENDERSON, CARSON THOMAS 2,969,440
HENDRICK, JOSEPH 2,969,594
HENDRICK, JOSEPH 2,969,597
HENKEL AG & CO. KGAA 2,958,385
HENKEL AG & CO. KGAA 2,966,951
HENKEL AG & CO. KGAA 2,967,113
HENKEL IP & HOLDING GMBH 2,965,439
HENNING, INGOMAR 2,967,113
HENRIKSSON, ELISABETH 2,959,949
HENRY, JAMES 2,969,075
HENRY, JAMES 2,969,170
HEPKE, HARALD 2,966,379
HERMANN, LUTZ-THOMAS 2,965,557
HERNANDEZ, REINIER 2,968,990
HERRMANN, JOHN E. 2,962,068
HESKAMP, SANDRA 2,968,818
HETZER, RALF HELMUT 2,959,963
HEUKEN, MARIA 2,965,228
HEULENS, JEROEN 2,967,119
HEXAGON RAUFOSS AS 2,964,164
HICKE, DAVID 2,969,107
HIDDINK, WILBERT 2,964,342
HIFI ENGINEERING INC. 2,968,996
HILL, MICHAEL DOUGLAS 2,969,140
HILL, WESTON 2,969,407
HILL, WESTON 2,969,435
HILL, WESTON 2,969,488
HILLAN, JOHN 2,963,151
HILLERY, EDWARD 2,965,701
HILTI AKTIENGESELLSCHAFT 2,962,764
HILTON, DERRICK EARNST 2,961,112
HINGSTON, STEPHEN 2,965,128
HIRANABE, NAOKI 2,969,091
HIRATA, TAKUYA 2,969,190
HIRSCHMANN AUTOMATION AND CONTROL GMBH 2,967,129
HIRT, STACEY ANN 2,969,243
HISTOCELL, S.L. 2,964,501
HOANG, VIET 2,968,996
HOCK, BJOERN 2,966,397
HODA, SAHIR 2,969,210
HODGINS, PETER 2,965,373
HOEG, JESPER 2,966,266
HOEL, KARL-WILLIE 2,968,678
HOEY, TIMOTHY CHARLES 2,969,401
HOFER, MARCO 2,964,499
HOFFMAN, HUGH J. 2,968,971
HOFFMAN, LINDSAY A. 2,968,971
HOFFMAN, MARTIN 2,969,329
HOGREFE, RICHARD I. 2,969,464
HOHL, WOLFGANG 2,966,955
HOLINSKI, BRAD 2,965,780
HOLLINGSWORTH, ROBERT E. 2,967,118
HOLMES, HEATHER 2,968,815
HOLTER, DIRK 2,957,812
HOLTER, DIRK 2,967,157
HOLTET, OLE JANSEN 2,958,734
HOLZER, FRANK 2,965,191
HONG, KZ 2,968,526
HONG, KZ 2,968,547
HONG, SUNGRYONG 2,963,063
HONIG, ARIK 2,968,808
HOOI, CHOON-MUN 2,965,699
HOPKINS, JEFFREY SAMUEL 2,969,118
HORN, STEFAN 2,963,457
HORNBY, ZACHARY DOLPH 2,969,540
HOSOMI, KAZUAKI 2,968,932
HOULE, JEAN-PHILIPPE 2,969,390
HOWARD, CRAIG 2,969,422
HOWE, DIANE 2,962,477
HOYA LENS THAILAND LTD. 2,969,346
HU, SHUCHUAN 2,969,012
HUANG, CHANG-YU 2,963,153
HUANG, DEJIAN 2,968,871
HUANG, QIHUI 2,967,118
HUANG, WEI HSUAN 2,969,097
HUANG, WEI HSUAN 2,969,310
HUAWEI TECHNOLOGIES CO., LTD. 2,968,892
HUAWEI TECHNOLOGIES CO., LTD. 2,969,001
HUAWEI TECHNOLOGIES CO., LTD. 2,969,011
HUAWEI TECHNOLOGIES CO., LTD. 2,969,138
HUAWEI TECHNOLOGIES, CO., LTD. 2,969,255
HUBBELL INCORPORATED 2,968,857
HUBBELL INCORPORATED 2,968,873
HUBBELL INCORPORATED 2,969,102
HUBER, HOWARD E. JR. 2,965,468
HUBER, JONATHAN 2,969,391
HUELSKOETTER, FRANK 2,966,844
HUGUES, MATHIEU 2,962,295
HUGUES, MATHIEU 2,962,495
HUIZENGA, PIETER 2,967,209
HUMMEL, ANDREAS 2,957,812
HUNDT, GREGORY ROBERT 2,969,328
HUNG, YUEN 2,969,014
HUNT, JOHN BRENT 2,969,245
HUNT, MITCHELL W. 2,968,366
HUNTLEIGH TECHNOLOGY LIMITED 2,968,526
HUNTLEIGH TECHNOLOGY LIMITED 2,968,547
HUNTSMAN INTERNATIONAL LLC 2,961,109
HUNTSMAN INTERNATIONAL LLC 2,961,835
HURD, CHRISTOPHER J. 2,969,107
HUSHON, DAN 2,962,814
HUTCHINSON, PETER 2,968,795
HUTT, DIETLEF 2,965,006
HUTZLER, JOHANNES 2,967,530
HUYNH, CHI 2,969,224
HYKES, KEVIN ROBERT 2,969,129
IBIQUITY DIGITAL CORPORATION 2,962,398
ICHIKAWA, HIROYASU 2,969,312
ICHIKAWA, KAZUYA 2,969,633
ICHIKI, MASATO 2,969,192
ICHIMIYA, KATSUYUKI 2,969,200
ICHTCHENKO, KONSTANTIN 2,969,463
IGNYTA, INC. 2,969,540
IKEDA, KAZUKI 2,969,633
ILES, JANOS 2,963,950
ILIC, ALEKSANDAR 2,969,230
ILLINGWORTH, REGINALD JOHN 2,962,538
ILLINOIS TOOL WORKS INC. 2,965,534
ILLUMINA CAMBRIDGE LIMITED 2,965,578
ILLUMINA CAMBRIDGE LTD. 2,967,525
ILLUMINA, INC. 2,967,525
IMAHASE, TOSHIHIRO 2,969,198
IMCLONE LLC 2,961,295

IMEC VZW 2,967,135
IMMEL, DAVID M. 2,968,842
IMMUNOMEDICS, INC. 2,968,818
IMMUNOMEDICS, INC. 2,968,990
IMO INDUSTRIES, INC. 2,969,329
INABA, MASATO 2,969,207
INCERA GARRIDO, GERARDO 2,966,807
INDAG GESELLSCHAFT FUR INDUSTRIEBEDARF MBH & CO. BETRIEBS KG 2,966,062
INDUSTRILAS I NASSJO AB 2,967,144
INEOS TECHNOLOGIES SA 2,965,875
INFORMATICA LLC 2,969,210
INGENICO GROUP 2,964,295
INGOLE, SUDEEP 2,969,248
INGRAM, THOMAS 2,959,700
INGRAM-TEDD, ANDY 2,966,075
INN, YONGWOO 2,965,335
INNERSPACE TECHNOLOGY INC. 2,968,997
INNO, MARKO 2,969,606
INNOMIND TECHNOLOGY CORPORATION 2,969,253
INNOTEC MOTION GMBH 2,965,876
INNVENTIA AB 2,969,109
INOUE, KENGO 2,969,100
INOUE, KOSUKE 2,969,633
INOUE, SAYAKA 2,968,351
INOVIO PHARMACEUTICALS, INC. 2,969,214
INSTITUT DE RECERCA CONTRA LA LEUCEMIA JOSEP CARRERAS 2,953,272
INSTITUT MINES TELECOM 2,962,864
INTERMEDIA.NET, INC. 2,969,571
INTERVET INTERNATIONAL B.V. 2,967,532
INTRA-CELLULAR THERAPIES, INC. 2,969,594
INTRA-CELLULAR THERAPIES, INC. 2,969,597
INVENTIO AG 2,965,049
INVENTIO AG 2,965,050
INVENTIO AG 2,965,746
INVENTIO AG 2,966,286
INVENTIO AG 2,966,478
ISAJI, MIZUKI 2,958,489
ITALCEMENTI S.P.A. 2,965,225
ITO, ATSUTOSHI 2,969,013
IUCHI, HIROTOSHI 2,969,306
IVANI, LLC 2,963,342
IVANI, LLC 2,963,345
IVC N.V. 2,967,163
IWAI, ATSUSHI 2,969,103
IYER, RADHIKA 2,969,540
IZAWA, HIROKAZU 2,969,202
IZUME, MASAYUKI 2,968,337
JACKERING, HERMANN-JOSEF 2,959,744
JACKERING, HERMANN-JOSEF 2,959,759
JACKERING, HERMANN-JOSEF 2,960,077
JACKERING, HERMANN-JOSEF 2,960,766
JACKY, LUCIEN 2,968,851
JADHAV, SWAPNIL 2,969,628
JAEGER, RICKY G. 2,969,107
JAFFRAY, DAVID A. 2,969,251
JAGER, DIRK 2,950,489
JAHNS, EKKEHARD 2,965,440
JAIN, ANJALI 2,969,609
JAKOBSSON, NIKLAS BENGT 2,960,919
JAMART, BRIGITTE 2,959,652
JAMES, PHILLIP R. 2,961,854
JAMES-MEYER, LYNN S. 2,968,824
JAN, HSUN-JIN 2,969,010
JANCZUK, TOMASZ 2,968,858
JANNOT, YVES 2,959,652
JANSON, OLAF 2,967,089
JANSSEN PHARMACEUTICA NV 2,967,226
JANSSEN SCIENCES IRELAND UC 2,954,751
JARRE, GERALD 2,959,214
JARRETT, MARTIN 2,965,738
JARVI, ARI 2,968,865
JAUBERTY, LOIC 2,965,035
JAUBERTY, LOIC 2,965,037
JBT B&BS B.V. 2,965,613
JELSING, JACOB 2,965,560
JENNI, HANS-RUDOLF 2,969,107
JENNINGS, JAMES ROBERT 2,968,701
JEONG, SEONG HEON 2,962,109
JEREZ, HERNANDO 2,969,211
JERMUTUS, LUTZ U. 2,967,118
JESPERSEN, KLAVS 2,966,264
JEWETT, SCOTT E. 2,918,558
JFE STEEL CORPORATION 2,969,200
JFE STEEL CORPORATION 2,969,511
JI, TINGFANG 2,962,839
JIANG, FAN 2,969,101
JIANG, JING 2,962,839
JIANGSU FENGSHEN AIR CONDITIONING GROUP CO.,LTD 2,969,479
JIN, SHENGWEN 2,969,101
JIZODO, MAKOTO 2,969,504
JOBST, FRAU ANNETTE 2,957,824
JOHANNESSEN, BAARD 2,967,517
JOHANNISON, ULF 2,960,039
JOHANSEN, FREDRIK 2,958,734
JOHANSON, MATS 2,967,160
JOHANSSON, THOMAS 2,964,356
JOHN CHEW, DANIEL 2,965,780
JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED 2,960,556
JOHNSON, BRIAN B. 2,965,136
JOHNSON, KEITH 2,969,590
JOHNSON, MARK THOMAS 2,963,163
JOHNSON, STEVEN 2,965,483
JONCA, MICHAEL 2,969,481
JONCKERS, TIM HUGO MARIA 2,954,751
JONES, PAUL JOSEPH 2,969,328
JORGENSEN, BRETT HAROLD 2,969,574
JOURDAN, MICHAEL 2,965,577
JOURDAN, MICHAEL 2,965,585
JT INTERNATIONAL S.A. 2,965,051
JT INTERNATIONAL S.A. 2,967,089
JUILLERAT, ALEXANDRE 2,969,384
JUNTTAN OY 2,964,044
KAASEN, INGA 2,967,517
KADIRIC, ALEN 2,963,352
KAISARE, NIKET 2,968,489
KAJAVA, MIKKO 2,965,407
KAJII, FUMIHIKO 2,969,103
KALDOJA, KAUR 2,969,606
KALEV, ARDO 2,969,606
KALINOWSKI, CAITLIN E. 2,969,094
KALINOWSKI, CAITLIN E. 2,969,095
KALKOFEN, RAINER 2,966,051
KALO, BENEDIKT 2,966,798
KALWA, NORBERT 2,966,674
KAMEI, SHIN 2,969,504
KANERVA, SAMI 2,965,407
KANG, KAI 2,967,531
KANJICKAL, DEENU G. 2,968,881
KANJILAL, ANISHA 2,969,188
KANJILAL, SANJEEVAN 2,969,188
KAPSCH TRAFFICCOM AB 2,967,138
KARCHER, JEFFREY DWANE 2,969,328
KARDOK, DAVID A. 2,964,382
KARDOK, DAVID A. 2,964,383
KARLSTROM, CHRISTIAN 2,967,138
KARNES, G. JOSHUA 2,968,833
KARONEN, JANNE 2,965,586
KAROS, MARVIN 2,965,228
KARPOV, ANDREY 2,966,943
KASOWSKI, ROBERT VALENTINE 2,969,239
KATHER, DANIEL 2,965,557
KATHER, DANIEL 2,966,775
KATO, MASAYA 2,969,190
KATOH, KATSUHISA 2,969,312
KATZ, TORSTEN 2,959,700
KAULFUSS, STEFAN 2,965,201
KAZMI, MUHAMMAD 2,963,068
KBA-NOTASYS SA 2,962,878
KEELING, NICHOLAS ATHOL 2,963,153
KEENE BUILDING PRODUCTS CO., INC. 2,964,482
KEENE, JAMES R. 2,964,482
KELLEY, KREG 2,965,373
KELLINGER, MATTHEW WILLIAM 2,967,525
KELLNER, JURGEN 2,955,566
KELLUM, MATTHEW GRADY 2,969,328
KELLY, JAMES 2,969,436
KERANEN, OLLI 2,960,422
KESTI, MATTI 2,967,162
KETOLA, KURT S. 2,962,978
KHANDEKAR, ADITYA 2,969,386
KIENLE, MARCEL PATRIK 2,967,158
KIKUTA, TAKASHI 2,968,800
KILDEGAARD, CASPER 2,966,266
KILGROW, BRET J. 2,968,881
KILIAN, DIETER 2,963,899
KIM, DANIEL 2,969,353
KIM, JAEHYUNG 2,963,063
KIM, MITCHELL 2,968,369

KIMURA, NATSUKO 2,969,409
KINEMA GMBH 2,965,179
KINETICS DRIVE SOLUTIONS INC. 2,969,351
KIRKEGAARD, DANIEL SCHLICHTING 2,958,564
KISSIN, MICHAEL LE GALLAIS 2,963,153
KISSLING, TOM 2,967,201
KITSUYA, SHIGEKI 2,969,200
KJOLLER, CLAUS 2,958,615
KLAWUHN, ERICH R. 2,963,096
KLINGBERG, ANDERS 2,959,949
KLINT, KNUD ERIK 2,958,615
KLOIBER-MAITZ, MONIKA 2,967,127
KLUESENER, BERNARD WILLIAM 2,964,973
KLUTH, CHRISTIAN 2,958,523
KMA CONCEPTS LIMITED 2,968,532
KMIEC, CHESTER J. 2,969,002
KMIEC, CHESTER J. 2,969,004
KMIEC, CHESTER J. 2,969,005
KNAPP, THOMAS ALEXANDER 2,968,408
KNAUF, WILFRIED 2,967,147
KNEAFSEY, BRENDAN 2,965,439
KNOTT, SIMON DAVID 2,969,571
KO, WOOSUK 2,963,063
KOBAYASHI, AKIO 2,969,511
KOBAYASHI, SATOSHI 2,969,100
KOCH, SIMON 2,966,955
KOCHER-PLASTIK MASCHINENBAU GMBH 2,964,285
KOELPER, CRYSTAL E. 2,968,834
KOENIG, DAVID J. 2,968,368
KOENIG, JOSEPH B. 2,968,881
KOETSIER, ARNOLD 2,967,114
KOFFERT, MARKKU 2,964,044
KOLAK, LEWIS 2,961,128
KOLEVA, VELICHKA YORDANOVA 2,961,854
KOLLIN, THOMAS HOLTEN 2,961,832
KOLMAR, HARALD 2,966,397
KONECNY, ROBERT 2,966,194
KONGSBAK-WISMANN, PERNILLE 2,965,560
KONINKLIJKE PHILIPS N.V. 2,963,163
KONINKLIJKE PHILIPS N.V. 2,968,607
KOPETZKI, ERHARD 2,966,289
KOPPENS, JEROEN 2,962,806
KOREN PINTO, SHAHAR 2,968,812
KOSEKI, KOICHI 2,969,100
KOSEL, DAVID 2,966,671
KOSTRUBIAK, OLENA 2,969,099
KRAFCZYK, STEPHAN 2,963,457
KRAFT FOODS GROUP BRANDS LLC 2,969,243
KRAKERS, BERNARDUS ANTONIUS JOHANNES 2,965,613
KRAMER, CAMERON THOMAS 2,969,316
KRAMER, DOMINIC 2,959,214
KRAMER, RACHEL MARIE 2,969,316
KRAMER, ULRICH 2,964,224
KRATZSCH, PETER 2,966,287
KRAUS, DANIEL 2,966,955
KRAUSS, JURGEN 2,950,489
KRAUSSMAFFEI BERSTORFF GMBH 2,966,379
KREIS, MARK 2,969,427
KRIEGER, RICH 2,969,126
KRIER, BRICE 2,966,590
KRINKE, TODD A. 2,969,316
KRISHNABABU, SENTHIL 2,965,556
KRISHNAN, DINESH 2,969,386
KRISHNAN, SUMANT 2,969,436
KRISTOFFER FAMM, HANS JAKOB 2,965,780
KRIZ, PAVEL 2,965,491
KROEGER, BRIAN W. 2,962,398
KROON, BART 2,963,163
KROOT, MARCUS MARINUS GERARDUS 2,964,342
KROPF, CHRISTIAN 2,966,951
KROSAKIHARIMA CORPORATION 2,969,198
KRUMREY, THOMAS 2,957,812
KRUSE, STEVE D. 2,969,316
KUBO, YUKIO 2,969,088
KUHN, JORG 2,955,566
KULEN, ANNA MARTINA 2,966,960
KUMAR, SUMIT 2,969,065
KUNZ, STEPHAN 2,967,166
KUNZE, IRENE 2,967,128
KUPPEL WIESER, RALPH 2,965,050
KUPPELWIESER, RALPH 2,965,049
KVERNELAND GROUP RAVENNA S.R.L. 2,964,580
KWS SAAT SE 2,967,127
KYOTO STEM CELL INNOVATION, INC. 2,968,347
L.I.F.E. CORPORATION S.A. 2,965,884
LAADEM, ABDERRAHMANE 2,969,572
LAARMANN, ELMAR 2,969,606
LABARGE, JEREMY 2,966,718
LAFATA, JOHN 2,969,107
LAFEVER, MARK 2,968,677
LAGAE, LIESBET 2,967,135
LAIRSON, LUKE 2,968,874
LAKEVIEW NUTRITION LLC 2,968,871
LAKHANI, ABDUL-KARIM 2,968,913
LAKOMSKI, DAVID M. 2,962,978
LAL KUSHWAHA, RADHEY 2,969,075
LAL KUSHWAHA, RADHEY 2,969,170
LAMBERTI SPA 2,966,794
LAMPO, PIERRE-YVES 2,965,998
LANCON, ETIENNE 2,959,464
LAND, INGMAR RUDIGER 2,969,344
LANDMARK GRAPHICS CORPORATION 2,969,098
LANDMARK GRAPHICS CORPORATION 2,969,101
LANG, TOBIAS 2,969,186
LANGEVIN, REBECCA ANN 2,964,973
LAOS, VITALI 2,968,803
LAPERSONNE, PHILIPPE 2,967,157
LARSEN, MORTEN KROG 2,966,718
LAURSEN, JENS ULRICH 2,966,266
LAVENANT, MARC PIERRE DENIS 2,969,344
LAVRENKO, MAYYA 2,968,981
LE BERRE, MARJORY 2,959,655
LE GUINER, CAROLINE 2,953,187
LE, JAMES 2,968,942
LEADERS, JEFFREY L. 2,969,343
LEAL, JERLIB J. 2,965,531
LEBA, JOHN VINH 2,965,531
LEBEAU, MICHAEL JAMES 2,969,094
LEBEAU, MICHAEL JAMES 2,969,095
LEBEDEV, ALEXANDRE 2,969,464
LECHERT, FRANK 2,966,062
LECHNER, GOTTFRIED 2,969,344
LEE, HORNG-MO 2,969,010
LEE, HYECK-HEE 2,965,191
LEE, JAMES SHING HIN 2,969,000
LEE, JONG YOUNG 2,965,497
LEE, PETER 2,968,851
LEE, SEUNGMIN 2,962,388
LEE, TING-YIM 2,969,140
LEHMANN MADSEN, KRISTIAN 2,966,266
LEHNERT, WERNER 2,965,576
LEHNHOFF, INGO 2,966,674
LEIBNIZ-INSTITUT FUR PLASMAFORSCHUNG UND TECHNOLOGIE E.V. 2,963,457
LEITE, LEONIDAS C. 2,969,112
LEKISPORT AG 2,964,499
LEMAIRE, JEROME 2,969,037
LEMONIS, SISSIMOS 2,963,020
LENCZ, TODD 2,969,425
LENOBLE, DAMIEN 2,959,703
LEO PHARMA A/S 2,953,284
LEONHARD KURZ STIFTUNG & CO. KG 2,965,234
LEOW, CHING CHING 2,967,118
LERCHL, JENS 2,967,530
LERNER, RICHARD A. 2,969,220
LEROY, JEAN YVES 2,966,590
LESSIN, SAMUEL WHARTON 2,969,094
LESSIN, SAMUEL WHARTON 2,969,095
LETZELTER, NATHALIE SOPHIE 2,966,844
LEVEL 3 COMMUNICATIONS, LLC 2,963,243
LEVITATION SCIENCES LLC 2,969,116
LEZZI, GIANLUCA 2,965,225
LG ELECTRONICS INC. 2,962,388
LG ELECTRONICS INC. 2,963,063
LI BASSI, GIUSEPPE 2,966,794
LI, BIN 2,968,892
LI, CHIANG J. 2,968,987
LI, GANG 2,969,540
LI, LEI 2,968,886
LI, PENG 2,969,594
LI, PENG 2,969,597
LI, XU 2,969,138
LI, YIYU 2,969,230
LIEBER, SUSANNA 2,966,051
LIESBROCK, BERND 2,959,744
LIESBROCK, BERND 2,959,759
LIESBROCK, BERND 2,960,077

LIESBROCK, BERND	2,960,766
LIFECYCLE TECHNOLOGIES PTY LTD	2,969,133
LIN, TSUN-YUAN	2,969,010
LIN, YIJIAN	2,965,497
LINDBO, SVERKER	2,966,075
LINDE AKTIENGESELLSCHAFT	2,961,112
LINDE AKTIENGESELLSCHAFT	2,965,417
LINDMEIER, ANDREAS	2,963,950
LINDSAY, RONALD M.	2,969,220
LITMER, LAVERN C.	2,963,880
LITTLE, MELISSA	2,969,249
LIU, BIN	2,939,609
LIU, CHENGXUN	2,967,135
LIU, HONGJIE	2,966,721
LIU, HONGJIE	2,966,790
LIU, LI	2,968,347
LIU, PHILLIP	2,969,131
LIU, WENLI	2,969,209
LIU, XIAOHUI	2,969,143
LIU, ZAIYOU	2,964,973
LIUZZA, MARIO	2,965,136
LIVDAHL, CHRIS R.	2,965,700
LM WP PATENT HOLDING A/S	2,958,564
LM WP PATENT HOLDING A/S	2,966,239
LM WP PATENT HOLDING A/S	2,966,264
LM WP PATENT HOLDING A/S	2,966,266
LOBNER, ERIC C.	2,969,381
LOCATELLI, MARCO	2,964,318
LOCKHART, JOSEPH	2,965,701
LOFSTEDT, JOAKIM	2,965,276
LOHMEIJER, BASTIAAN	2,966,678
LOHRMANN, MICHAEL	2,965,557
LOHRMANN, MICHAEL	2,966,775
LOINAZ BORDONABE, IRAIDA	2,965,561
LONG, KE	2,969,001
LONGINOTTI-BUITONI, GIANLUIGI	2,965,884
LORENTZEN, HANS JORGEN	2,958,615
LORO PIANA S.P.A.	2,964,699
LORO PIANA S.P.A.	2,965,444
LOUD-HAILER, INC.	2,969,065
LOUREIRO, PEDRO EMANUEL GARCIA	2,965,427
LOW & BONAR B.V.	2,967,114
LPG SUISSE AG	2,964,439
LPG SUISSE AG	2,964,443
LU, HUI	2,969,479
LU, XIAOJUN	2,967,118
LUDERSEN, ULRICH	2,966,949
LUDESCHER, BEATE	2,966,671
LUETTGEN, HAROLD A.	2,969,391
LUI, JUNJUN	2,962,418
LUM, GARY	2,969,227
LUMASENSE TECHNOLOGIES HOLDINGS, INC.	2,965,373
LUMINEX CORPORATION	2,968,985
LUMKEMANN, JORG	2,967,194
LUMKEMANN, JORG	2,967,201
LUNA LOOP AS	2,968,817
LUND, HENRIK	2,965,427
LUNDGAARD, JOHANNES HATLE	2,958,734
LUNDSTROM, MARI	2,965,586
LUNSTADEN, TIM	2,966,427
LUTHGE, THOMAS	2,958,523
LUTHL, ERNST	2,965,049
LUTHL, ERNST	2,965,050
LUTZKE, MATTHEW D.	2,968,366
LUXEMBOURG INSTITUTE OF HEALTH - LIH	2,959,703
LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY (LIST)	2,959,703
LYNX SOFTWARE TECHNOLOGIES INC.	2,969,422
LYONS, AARON MICHAEL	2,969,127
MACGILLIVRAY, MATT	2,968,997
MACK RIDES GMBH & CO. KG	2,964,827
MACKERT, MICHAEL	2,965,876
MACKEY, ANTHONY MICHAEL	2,969,102
MACKEY, STEVEN	2,965,123
MACKEY, STEVEN	2,965,128
MACKEY, STEVEN	2,965,133
MACKEY, STEVEN	2,965,136
MADAPPA, SHASHI	2,962,228
MADLAND, STEVEN MICHAEL	2,968,529
MADLAND, STEVEN MICHAEL	2,968,677
MAEZAKI, HIRONOBU	2,968,935
MAHDAVI, JAFAR	2,957,790
MAHE, ANTHONY BERTRAND PATRICK	2,962,513
MAHLER, HANNS-CHRISTIAN	2,967,194
MAHLER, HANNS-CHRISTIAN	2,967,201
MAHLER, MARKUS	2,965,191
MAHRENHOLZ, CARSTEN	2,963,457
MAISINGER, KLAUS	2,967,525
MAJEED, BIVRAGH	2,967,135
MALATO, YANN	2,969,145
MALENTAQUE, CELIO	2,962,302
MALHOTRA, ANIL K.	2,969,425
MALINOSKI, JON MICHAEL	2,969,516
MALLON, ZACHARY	2,969,427
MANSIR, HASSAN	2,967,502
MAPEN, BARRY E	2,969,331
MARBLE, STUART J.	2,962,978
MARCHAND, GARY R.	2,965,306
MARCZEWSKI, DAWID	2,965,228
MARDIS, WILBUR	2,968,983
MAREL STORK POULTRY PROCESSING B.V	2,964,342
MARGALLO BALBAS, EDUARDO	2,964,288
MARHEVKA, ELENA	2,968,808
MARIAMPILLAI, BRIAN	2,968,882
MARIANI, CLAIRE	2,966,543
MARICEVIC, ZORAN	2,963,240
MARIN, GILDAS	2,964,023
MARKUS, STEFAN	2,963,017
MARLER, GREG	2,968,982
MARRADI, MARCO	2,965,561
MARS, INCORPORATED	2,966,543
MARSH, LABAN M.	2,969,324
MARTI MOSCAD, SANTIAGO	2,963,029
MARTIN, CHRISTIAN	2,969,329
MARTIN, CHRISTOPH	2,965,410
MARTIN, RYAN L.	2,966,364
MARTIN, THOMAS	2,966,671
MARTON, IRA	2,968,808
MARTY, LAURENT	2,967,128
MARUTANI, YUUKI	2,969,202
MASADA, GWYNN	2,965,127
MASADA, GWYNN	2,965,131
MASAKI, TAKESHI	2,969,100
MASCHER, HERMANN	2,967,504
MASCIANTONIO, UGO	2,965,394
MASSEY, ALAN ERNEST	2,960,081
MASSO-VALLES, DANIEL	2,968,866
MASSON, STEPHANE	2,958,108
MASSON, STEPHANE	2,962,302
MASSUEGER, LARS	2,965,506
MATEL, VERONIKA	2,966,604
MATSUMOTO, MISAKO	2,969,024
MATSUMOTO, SHUHEI	2,969,469
MATSUMURA, TOMIO	2,969,100
MATSUO, MOTOAKI	2,969,193
MATSUO, TOSHIHIKO	2,968,940
MATSUZAKI, HIDEAKI	2,969,509
MATTES & AMMANN GMBH & CO. KG	2,967,100
MATTHEWS, KAREN	2,968,863
MATTHEWS, SHAWN	2,968,863
MATUD, JOSE	2,968,851
MATUSZNY, RICHARD	2,969,126
MAUCLAIR, CYRIL	2,964,043
MAUSER-WERKE GMBH	2,961,257
MAUSER-WERKE GMBH	2,961,334
MAY, PRESTON ANDREW	2,969,512
MAYEUX, JEAN-BENOIT	2,962,211
MAYFAIR VERMOGENSVERWALTUNGS SE	2,960,315
MAYFIELD, WALTER G.	2,963,087
MC GOWAN, DAVID CRAIG	2,954,751
MCADAM, KEVIN GERARD	2,964,829
MCADAM, KEVIN GERARD	2,964,844
MCBRIDE, WILLIAM J.	2,968,818
MCBRIDE, WILLIAM J.	2,968,990
MCCARTY, MICHAEL WILDIE	2,965,341
MCCORMACK, VINCENT	2,966,071
MCCRYSTLE, KELLY JUSTIN	2,969,129
MCDERMOTT, LAURA J.	2,965,694
MCHUGH, WILLIAM PHILIP	2,965,131
MCKEE, JOHN WASON	2,969,083
MCKENZIE, CHRISTOPHER PAUL	2,968,529
MCKENZIE, CHRISTOPHER PAUL	2,968,677
MCKILLIAM, ROBERT GEORGE	2,969,344
MCKINNEY, JUSTIN	2,963,342
MCKINNEY, JUSTIN	2,963,345
MCKINSTRY, DAVID	2,969,329
MCLEAN, CHRISTOPHER	2,968,883
MCMULLER, GARY E.	2,963,880

MCNEEL, DOUGLAS G. 2,965,530
MCPHERSON, ANDREW E. 2,969,243
MCVICAR, MARTIN 2,966,245
MEALEY, JUSTIN 2,968,974
MEDIMMUNE LIMITED 2,967,118
MEDLUMICS S.L. 2,964,288
MEDTENTIA INTERNATIONAL LTD OY 2,960,422
MEHTA, GAURANG PANKAJ 2,962,649
MEIJI SEIKA PHARMA CO., LTD. 2,969,192
MEISENHEIMER, RICHARD DANIEL MATTHIAS 2,959,963
MEISTER, GLENNA 2,968,939
MELLER, LANCE 2,969,118
MENDEL, ITZHAK 2,968,790
MENG, XIONGFEI 2,962,779
MENON, BIJOY K. 2,969,140
MERCK PATENT GMBH 2,966,397
MERCK PATENT GMBH 2,966,764
MERIAL, INC. 2,966,191
MERLE, GREGORY 2,965,448
MERLI, LUIGI 2,966,794
MERLO, P. ANN OWENS 2,969,617
MERMOD, NICOLAS 2,959,464
MERTEN, CHRISTOPH 2,962,482
MERZ DENTAL GMBH 2,968,468
MESS, FRANCIS M. 2,969,343
METAVENTION, INC. 2,969,129
METRIOPHARM AG 2,966,671
METZLER, BJORN 2,953,284
MEYER, THERESA M. 2,969,381
MHT MOLD & HOTRUNNER TECHNOLOGY AG 2,954,824
MICHAUT, ANTOINE BENJAMIN 2,954,751
MICHELIN RECHERCHE ET TECHNIQUE S.A. 2,969,106
MICHELMANN, FOLKE 2,965,419
MICRO IMPACT MILL LIMITED 2,963,764
MICRO-POISE MEASUREMENT SYSTEMS, LLC 2,969,126
MICROSOFT TECHNOLOGY LICENSING, LLC 2,965,694
MICROSOFT TECHNOLOGY LICENSING, LLC 2,965,699
MICROSOFT TECHNOLOGY LICENSING, LLC 2,965,700
MICROSOFT TECHNOLOGY LICENSING, LLC 2,965,706
MICROSOFT TECHNOLOGY LICENSING, LLC 2,965,708
MIEGEVILLE, YANN 2,969,037
MILLER, BENJAMIN D. 2,968,971
MILLICAN, ROHN L., JR. 2,959,551
MINAMI, KENJI 2,969,398
MINTER, RALPH 2,967,118
MIRONOV, OLEG 2,962,756
MITCHELL, PAT 2,969,216
MITSUBISHI ELECTRIC CORPORATION 2,969,091
MITSUBISHI GAS CHEMICAL COMPANY, INC. 2,969,193
MITSUBISHI HEAVY INDUSTRIES MACHINE TOOL CO., LTD. 2,969,404
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,969,190
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,969,634
MITSUBISHI HITACHI POWER SYSTEMS ENVIRONMENTAL SOLUTIONS, LTD. 2,969,190
MITSUBISHI MATERIALS CORPORATION 2,968,940
MIYAWAKI, TAKUMA 2,969,016
MIYOSHI, KAZUHIKO 2,969,207
MIZOJIRI, RYO 2,968,935
MODI, MANISH 2,969,094
MODI, MANISH 2,969,095
MODLICH, JESSICA DIANE 2,968,529
MOFFETT, ROBERT 2,966,245
MOHAMMED, AFZAL-UR-RAHMAN 2,965,193
MOINICHEN, JORGEN 2,958,734
MOLAWI, KIAN 2,969,186
MOLINER, LUCIO 2,966,789
MOLINER, LUCIO 2,966,946
MOLLES, GUILHEM 2,963,443
MOLNLYCKE HEALTH CARE AB 2,960,039
MONTEJO MENDEZ, CRISTINA 2,963,029
MONTENEGRO, ALEJANDRO 2,969,546
MONTY, NATHAN P. 2,968,841
MOOG UNNA GMBH 2,967,528
MOORE, BRIAN H. 2,968,996
MOORING, EDWARD T. 2,969,422
MORA, ELIE GABRIEL 2,962,864
MORAN, ADRIAN 2,960,422
MORARU, GEORGE 2,965,394
MORICI, JOHN L. 2,968,834
MORROW, MARK S. 2,963,880
MORTARINO, ENRICO 2,969,563
MORTON, EDWARD JAMES 2,968,865
MORTUN, SORIN IOAN 2,968,873
MOTOMURA, ASAKO 2,968,347
MOTOROLA SOLUTIONS, INC. 2,962,068
MOTTA, ROSSANA 2,969,129
MOULLIER, PHILIPPE 2,953,187
MOUSSAIF, NOUREDDIN 2,965,230
MOUTON, JACOBUS FREDERICK 2,968,877
MOWER, MORTON M. 2,968,868
MOYA, WILSON 2,966,764
MUHLEMANN, ROLF 2,965,724
MUHLEMANN, ROLF 2,965,725
MUKHERJI, ARIJIT 2,969,131
MUKKAVILLI, KRISHNA KIRAN 2,962,839
MULLER, MALTE 2,965,557
MULLER, MALTE 2,966,775
MULLER, MICHAEL 2,967,162
MULLER, ROBERT 2,966,943
MULLER-BROCKHAUSEN, MANSUR 2,966,062
MULLINS, BRIAN JOHN 2,969,316
MULROONEY, CONOR 2,966,604
MUMM, JOHN BRIAN 2,969,574
MUN, CHULKYU 2,963,063
MUNDAY, PRITPAL SINGH 2,968,685
MUNDRA, MANISH 2,964,920
MUNETSUGU, HIROYUKI 2,969,088
MUNKSJO OYJ 2,956,663
MUNKSJO OYJ 2,956,766
MUNOZ RISUENO, RUTH 2,953,272
MUNZENBERGER, HERBERT 2,962,764
MURAKAMI CORPORATION 2,969,195
MURAMOTO, YOSHIFUMI 2,969,509
MURASE, YOSHIHIRO 2,969,312
MURATA, AKIRA 2,958,489
MURILLO Y PACIFICO, CANDIDO 2,966,799
MURILLO, ARLENE GABRIANA 2,969,094
MURILLO, ARLENE GABRIANA 2,969,095
MURKUNDE, ROHAN GOVIND 2,966,844
MURPHY, MICHAEL 2,964,855
MURPHY, VINCENT J. 2,968,981
MUSTON, SHAUN CHRISTOPHER 2,969,118
MUTALIK, VENKATESH G. 2,963,240
MUTHUMANI, KARUPPIAH 2,969,214
NA, SONGQING 2,959,551
NADA, MASAHIRO 2,969,509
NADAV, TAL 2,968,803
NAGAYASU, HIROMITSU 2,969,190
NAGRAVISION S.A. 2,962,833
NAKAGAWA, TAIJI 2,969,306
NAKAJIMA, FUMITO 2,969,509
NAKAMURA, NAOMICHI 2,969,511
NAKASHIMA, TOMONORI 2,968,351
NAKATANI, HAJIME 2,969,091
NALLA, VIPAN REDDY RAJA 2,969,517
NANAYAKKARA, RAVI P. 2,968,952
NANDOLA, NARESHKUMAR 2,968,489
NATIONAL MACHINE COMPANY 2,964,150
NATIONAL OILWELL VARCO, L.P. 2,967,819
NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY 2,969,024
NATUREZA, INC. 2,968,824
NAVE, BARBARA 2,966,562
NAYLOR, ALAN ROBERT 2,965,875
NAYYAR, RAKESH KUMAR 2,969,078
NEAL, DANIEL R. 2,969,513
NEDJAR, BOUMEDYEN 2,967,520
NELLESSEN, BERNHARD 2,964,665
NELSON, BRENT 2,964,322
NELSON, DONALD, JR. 2,966,194
NELSON, ERIK JULIAN 2,969,316
NELSON, PATRICK LEE 2,964,382
NELSON, PATRICK LEE 2,964,383
NELSON, STEPHEN L. 2,968,368

NELSON, STEPHEN L. 2,969,107
NESTEC S.A. 2,959,693
NESTEC S.A. 2,966,769
NESTEC S.A. 2,966,809
NESTEC S.A. 2,969,609
NETFLIX, INC. 2,962,228
NETTFORSK AS 2,967,517
NEUBERT, MARCO 2,956,867
NEUHAUS, ROLAND 2,965,201
NEUHOLD, STEFAN 2,965,039
NEUMULLER, NORBERT 2,960,558
NEW YORK AIR BRAKE LLC 2,965,468
NEW YORK UNIVERSITY 2,969,463
NGUYEN, CHAU 2,965,531
NHK SPRING CO., LTD. 2,969,398
NHK SPRING PRODUCTION COMPANY 2,969,398
NICHOLSON, GARY 2,963,957
NICHOLSON, PHIL 2,967,083
NICKERSON, JAMES J. 2,968,881
NICOVENTURES HOLDINGS LIMITED 2,964,829
NICOVENTURES HOLDINGS LIMITED 2,964,844
NIEDERMAIER, MICHAEL 2,966,671
NIELSEN, MICHAEL WENANI 2,966,264
NIEMAR, R. 2,969,097
NIEMEYER, DIRK 2,962,477
NIESSEN, MARKUS 2,967,127
NIEWCZAS, MATEUSZ MAREK 2,969,094
NIEWCZAS, MATEUSZ MAREK 2,969,095
NII, NORIYUKI 2,968,935
NIJSSE, JEROEN 2,960,315
NIPANIKAR, SANJAY 2,969,188
NIPPON KAYAKU KABUSHIKI KAISHA 2,969,196
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,969,504
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,969,509
NISHIMOTO, KEIJI 2,969,346
NISSEN, FELIX 2,961,854
NISSHIN SEIFUN GROUP INC. 2,969,204
NISSHIN STEEL CO., LTD. 2,968,932
NISSMAN, CHRIS 2,963,342
NISSMAN, CHRISTOPHER 2,963,345
NOBORISATO, TOMOKI 2,969,190
NOBUTOKI, TOMOKAZU 2,968,932
NOE, ANDREAS 2,967,082
NOGAMI, GENKI 2,969,193
NOK CORPORATION 2,969,199
NOMURA, MITSUO 2,969,204
NOPCO PAPER TECHNOLOGY GMBH 2,964,665
NORDBERG, HENRIK 2,959,949
NORDQUIST, JEFFREY S. 2,968,834
NOTZ, RALF 2,959,700
NOVAK, THOMAS J. 2,965,136
NOVARTIS AG 2,963,020
NOVINA, CARL 2,968,939
NOVOZYMES A/S 2,965,427
NOVOZYMES A/S 2,966,292
NOWAK, AMBER D. 2,968,971
NUCCITELLI, PAMELA 2,969,427
NUCCITELLI, RICHARD LEE 2,969,427
NUENNERICH, PETER 2,967,147
NUGTEREN, DANIEL J. 2,969,107
NYMAN, MARTIN 2,968,762
O'CALLAGHAN, JOHN 2,965,586
O'CARROLL, GER 2,960,422
O'DONNELL, DAIRE 2,966,801
O'KANE, RUAIRI 2,965,439
O'MALLEY, EDWARD J. 2,965,510
O'NEILL, CHARLES EVAN 2,965,127
O'SULLIVAN, DENIS 2,967,528
O'SULLIVAN, ROBERT 2,967,528
O2 POOL THERMOCEAN 2,962,752
OBENCHAIN, VALERIE A. 2,969,315
OBERTHUR FIDUCIAIRE SAS 2,959,655
OCADO INNOVATION LIMITED 2,966,075
OCAMPO, FABIEN 2,966,560
OCCLUTECH HOLDING AG 2,960,333
OCE-TECHNOLOGIES B.V. 2,965,747
OCHIAI, MISA 2,968,331
OCHOA CARO, JUAN FRANCISCO 2,967,089
OCON MEDICAL LTD. 2,968,799
ODAI, YOSHIAKI 2,969,091
OETTER, GUNTER 2,967,158
OGAMI, YUKI 2,969,398
OGAWA, NAOMI 2,969,346
OGAWA, TAKAYA 2,969,192
OGO, YOICHI 2,969,346
OGON, MICHAEL 2,956,681
OHLSSON, FREDRIK 2,967,160
OHLSTEIN, ELIOT 2,969,405
OHTAKE, NAOTAKA 2,966,560
OI, KAZUMI 2,969,309
OI, KAZUMI 2,969,317
OIL-RITE CORPORATION 2,969,119
OKABE, MASAMI 2,969,100
OKADA, NAOKI 2,958,489
OKAZUMI, MITSUHIRO 2,966,560
OKINA, YUNA 2,968,347
OKUNO, TAKUYA 2,968,347
OLESEN, SINE ELLEMANN 2,969,362
OMYA INTERNATIONAL AG 2,966,055
ONCOMED PHARMACEUTICALS, INC. 2,969,401
ONE WORLD CANNABIS LTD 2,968,929
ONO, EIICHIRO 2,968,331
OREBOM, ALEXANDER 2,965,276
ORIMO, SHINICHI 2,969,193
ORMEROD, DOMINIC 2,961,693
ORMSETH, HOLLY MARIE 2,969,353
OSATO, KEN 2,958,489
OSLER, JONATHAN 2,967,514
OSLER, JONATHAN 2,967,516
OSTERMEIER, MARC 2,968,939
OTA, NAOKI 2,969,135
OTSUKA CHEMICAL CO., LTD. 2,969,306
OUTOTEC (FINLAND) OY 2,965,586
OUZUNOVA, MILENA 2,967,127
OVD KINEGRAM AG 2,965,234
O/O INNOVATIONS LTD 2,960,551
O/O INNOVATIONS LTD 2,960,564
OZTURK, ORHAN 2,969,409
PAAL, JOCHEN 2,963,894
PAGE, LORNA ELIZABETH 2,962,538
PAINTER, GEORGE 2,969,372
PALEJA, AMEESH 2,968,369
PALISSOT, VALERIE 2,959,703
PAN, LI 2,969,310
PAN, YUANCHENG CHRISTOPHER 2,962,779
PANANDIKER, RAJAN KESHAV 2,964,973
PANDYA, CHIRAG PRAVIN 2,962,649
PANIGRAHI, SATYANARAYAN 2,969,075
PANIGRAHI, SATYANARAYAN 2,969,170
PANTHER, ALEXANDER GYLES 2,968,917
PANZA, SERGIO 2,967,087
PAPANGELOU, CHRIS 2,968,833
PAPSTEIN, ROBERT RICHARD 2,968,857
PAREJA GOMEZ, JOSEP 2,959,954
PARISH, DAVID WARREN 2,964,904
PARK, CHEOL HEE 2,969,143
PARKER, PHILLIP 2,965,483
PARRA, JORGE E. 2,969,246
PARRISH, MICHAEL DAVID 2,969,127
PASCAL, JEROME 2,965,371
PASDA, GREGOR 2,966,562
PASDA, GREGOR 2,969,186
PATEL, RAJEN 2,965,497
PATEL, SONAL 2,965,780
PATIENT WELLNESS MONITOR LLC 2,969,203
PATIL, ABHISHEK PRAMOD 2,963,155
PATNANA, VIJAYA KUMAR 2,969,621
PATTEN, MICHAEL J. 2,965,706
PATTISON, ADAM J. 2,965,983
PAULI, MATTHIAS 2,967,528
PAVLIK, PETER 2,967,118
PAVMED INC. 2,969,448
PAVMED INC. 2,969,579
PAX, BENJAMIN MICHAEL 2,968,408
PAYMAXS LTD. 2,968,812
PE@RL 2,965,035
PE@RL 2,965,037
PEDERSEN, JON-ARNE 2,958,734
PEDERSEN, SOREN LJUNGBERG 2,965,560
PEDERSEN, STEVEN HAUGE 2,966,239
PEDRENO, JEAN-MARC 2,966,295
PEETERS, ANNA-LOUISA 2,956,339
PEGEL, SVEN 2,965,855
PEKMEZCI, MEHMET AKIF 2,965,440
PELLET, ROMAIN 2,965,448
PENA, SADAF 2,965,836
PENG, YINGJIE 2,969,220
PENG, ZHIWEI 2,968,886
PEREZ, CLAUDIO J. 2,969,374

PERNA, STEVEN N. 2,969,331
PERRY, MICHAEL DAVID 2,969,129
PERVAN, DARKO 2,969,191
PESCE, MICHAEL SCHLEIF 2,962,825
PETERS, CATHERINE M 2,967,532
PETERS, JAKE 2,969,118
PETERS, SCOTT P. 2,962,814
PETERSON, ALEX A. 2,969,205
PETERSON, ALEX A. 2,969,316
PETERSON, PETER RAE 2,965,136
PETIT, STEPHANE 2,969,558
PETRA, DANIELLE GEERTRUDA IRENE 2,961,128
PETRAK, LEO 2,967,129
PETRY, RAINER 2,954,824
PEUMANS, PETER 2,967,135
PFIRRMANN, CHRISTINA 2,969,182
PHAGENESIS LIMITED 2,966,604
PHARMACYCLICS LLC 2,968,866
PHERECYDES PHARMA 2,966,944
PHILIP MORRIS PRODUCTS S.A. 2,962,756
PHILIP MORRIS PRODUCTS S.A. 2,963,352
PHILIP MORRIS PRODUCTS S.A. 2,963,605
PHILIP MORRIS PRODUCTS S.A. 2,963,617
PHILIP MORRIS PRODUCTS S.A. 2,963,722
PHILIP MORRIS PRODUCTS S.A. 2,963,728
PHILIP MORRIS PRODUCTS S.A. 2,963,734
PHILIP MORRIS PRODUCTS S.A. 2,965,567
PHILIP MORRIS PRODUCTS S.A. 2,965,579
PIACENTINI, CARLOS A. L. 2,969,374
PICHLER, MARTIN 2,965,440
PICKAERT, GUILLAUME 2,959,652
PICKERING, MATTHEW 2,968,526
PICKERING, MATTHEW 2,968,547
PIJNENBURG, JOHANNES PETRUS MARIA 2,963,617
PINELLI, ENZO 2,960,055
PINELLI, LUCA 2,960,055
PINELLI, MICHELE 2,960,055
PIRON, CAMERON 2,968,917
PIROTTE, ALAN 2,965,204
PIROTTE, ALAN 2,965,210
PIROVANO, PIERANGELO 2,966,794
PLAKSIN, DANIEL 2,969,314
PLEENQ, LLC 2,968,974
PLUM, LORI A. 2,969,334
PLUMMER, JEAN R. 2,968,842
PLURALSIGHT, LLC 2,968,875
POHJANHEIMO, PASI 2,965,407
POIROT, LAURENT 2,969,384
POLARIS INDUSTRIES INC. 2,968,368
POLARIS INDUSTRIES INC. 2,969,107
POLLINI, MICHELE 2,963,164
POLLOK, ANDRE 2,969,344
POLSTER, JOACHIM 2,964,224
PONTEN, JOHN FRITIOF 2,966,960
POPE, GARY T. 2,968,362
POPPI, MARCO 2,963,711
PORCHER INDUSTRIES 2,965,448
PORTMAN, LANCE NIGEL 2,965,541
PORTNOFF, DARIN 2,968,889
PORTNOFF, RANDALL 2,968,889
POTET, OLIVIER 2,965,090
POUILLOT, FLAVIE 2,966,944
POULAIN, ISABELLE 2,964,023
POULSEN, CHARLOTTE HORSMANS 2,966,471
POYYARA, RAGI LOHIDAKSHAN 2,969,621
PRAKASH, INDRA 2,968,973
PRAUSNITZ, MARK R. 2,966,191
PRAVONG, BOUN 2,968,846
PRAVONGVIENGKHAM, KENNI 2,968,846
PRE-CHASM RESEARCH LTD 2,965,148
PRESTIGE AMERITECH, LTD. 2,969,454
PRICE, MELISSA 2,965,836
PRIDHAM, ANDREW 2,968,993
PRIMETALS TECHNOLOGIES ITALY S.R.L. 2,965,555
PRINCETON IDENTITY, INC. 2,969,331
PRIVITERA, LETIZIA 2,966,794
PROCTER & GAMBLE COMPANY 2,966,844
PROELL, TOBIAS 2,966,244
PROFEAT BIOTECHNOLOGY CO., LTD. 2,969,010
PRYSMIAN S.P.A. 2,966,235
PUBLIC UNIVERSITY CORPORATION YOKOHAMA CITY UNIVERSITY 2,969,194
PUCCIO, DAN 2,969,219
PUGH, MARK 2,960,422
PULASKI, PAUL D. 2,969,513
PULKUS, JURGEN 2,966,417
PULLA, GAUTAM 2,962,418
PULSE BIOSCIENCES, INC. 2,969,427
PURATOS NV 2,966,814
PUTORTI, JOHN JOSEPH 2,968,873
PUTZER, SIEGRID 2,963,711
QIAO, KAI 2,969,359
QIAO, ZHISONG 2,967,532
QUALCOMM INCORPORATED 2,962,109
QUALCOMM INCORPORATED 2,962,779
QUALCOMM INCORPORATED 2,962,839
QUALCOMM INCORPORATED 2,963,151
QUALCOMM INCORPORATED 2,963,153
QUALCOMM INCORPORATED 2,963,155
QUALCOMM INCORPORATED 2,969,143
QUALCOMM TECHNOLOGIES INTERNATIONAL, LTD. 2,965,826
QUARTO, BRUCE 2,969,224
QUEST DIAGNOSTICS INVESTMENTS INCORPORATED 2,968,851
QUIKFLO TECHNOLOGIES INC. 2,969,140
QUINT, BODO 2,957,132
QUIX, MAARTEN 2,967,119
QURETECH BIO AB 2,966,960
RAAP, DAN 2,964,792
RABOISSON, PIERRE JEAN-MARIE BERNARD 2,954,751
RADDATZ, ALAN 2,968,369
RAFAEL ADVANCED DEFENSE SYSTEMS LTD. 2,968,803
RAG ROHOL-AUFSUCHUNGS AG 2,968,789
RAHMAN, IMADUR 2,963,068
RAISSINIA, ALIREZA 2,963,155
RAJENDRAN, VASANTH KUMAR 2,969,230
RAMAIAH, RAGHU 2,968,408
RAMAKRISHNAN, CHARU 2,969,453
RAMAN, RAJESH 2,969,131
RAMAN, SUNDER 2,965,699
RAMANKUTTY, MOHAN 2,969,216
RAMOS, GERALDO 2,968,875
RAMSAMY, SANJAY 2,962,904
RANGANATHAN, SATHISH KUMAR 2,969,516
RANGE, BRADFORD 2,965,131
RANGOU, SOFIA 2,950,829
RANHEIM, LARS MARTIN 2,958,734
RANS, MONTE J. 2,962,317
RAPHAELSON, STEVEN 2,965,136
RAPISCAN SYSTEMS, INC. 2,968,865
RAPPENECKER, JEREMY MICHAEL 2,967,819
RASMUSSEN, KIM ANSHOLM 2,966,239
RATCLIFFE, ANDREW 2,966,061
RATHS, HANS-CHRISTIAN 2,967,158
RATIU, FLORIN 2,969,230
RATZISBERGER, DOMINIK 2,963,950
RAYMOND, THOMAS D. 2,969,513
RAYTHEON COMPANY 2,962,978
RAYTHEON COMPANY 2,966,353
REBOUD, JULIEN 2,967,124
RECTICEL AUTOMOBILSYSTEME GMBH 2,963,169
RECTOR, DAVID JOHN 2,969,102
REED, JAIME 2,966,061
REESE, GEORGE D. 2,969,454
REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG 2,966,248
REGAMEY, ALEXANDRE 2,959,464
REHWALD, MARTIN 2,969,230
REHWINKEL, HARTMUT 2,965,201
REIMER, UWE 2,965,576
REIN, DIETRICH 2,967,128
REINKER, CHRISTOPH 2,961,326
REINOSO GARCIA, MARTA 2,966,844
REM, PETER CARLO 2,968,810
REN FUEL K2B AB 2,965,276
RENAUD OF CALHANE, WYATT 2,966,801
RENNOVIA INC. 2,968,981
REULAND, ERIC ROBERT 2,969,129
REYNA, MARIO M. 2,965,531

RHOADES, ANTHONY DAVID GEORGE 2,965,148
RHODES, BRUCE ROBESON 2,969,102
RHODIA OPERATIONS 2,966,560
RIBOTTA, ESTEBAN PABLO 2,964,071
RICHEZ, ALEXANDRE 2,965,578
RICHTER, THOMAS 2,963,829
RIDA, AMAR 2,959,464
RIDEOUT, JAN 2,967,522
RIDEOUT, JAN 2,967,523
RIDEOUT, JAN 2,967,524
RIDEOUT, JAN 2,967,527
RIEDEL, PETER 2,963,020
RIEGER, REINHOLD 2,966,807
RIEKE, MALCOLM 2,963,232
RIELEY, HUGH 2,967,514
RIELEY, HUGH 2,967,516
RIGATTI, ROBERTO 2,967,525
RIJPKEMA, MARK 2,968,990
RIO TINTO ALCAN INTERNATIONAL LIMITED 2,969,558
RIOS-DORIA, JONATHAN 2,967,118
RIPLEY, ANTHONY J. 2,969,107
RISCUTIA, VLAD 2,965,699
RITZE, JOHN 2,968,983
RIZZI, ENRICO 2,959,950
ROADTEC, INC. 2,969,544
ROBERSON, BRIAN A. 2,969,416
ROBERT BOSCH GMBH 2,963,303
ROBERT BOSCH GMBH 2,966,676
ROBINSON, DELBERT 2,969,425
ROBUST SEED TECHNOLOGY A&F AKTIEBOLAG 2,965,402
RODRIG, MAYA 2,965,699
RODRIGUES DE ARAUJO, BRUNO 2,965,733
ROGERS, ARPI 2,967,140
ROGERT BACIGALUPO, MARIA CANDELARIA 2,967,525
ROHATI, VIVEK 2,965,335
ROLAND, ALBEN D. 2,969,516
ROLFS, ARNDT 2,967,504
ROMAN, EDWARD 2,968,875
ROOS, ANDREAS 2,966,051
ROOVERS, WILLIAM ADRIANUS CORNELIS 2,961,128
ROSA, MONICA 2,966,801
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,962,671
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,963,290
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,965,419
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,967,166
ROSENHEIMER, AMIR 2,968,812
ROSENTHAL, KIM 2,967,118
ROSSI, MARVIN A. 2,969,228
ROTH, MATHIAS 2,965,006
ROTHWELL, DYLAN 2,969,118
ROUSE, ALEXANDER 2,968,369
ROUSH ENTERPRISES, INC. 2,966,364
ROVALDI, CHRISTOPHER 2,969,572
ROVALDI, CHRISTOPHER ROBERT 2,969,413
ROWE, JONATHAN 2,968,980
ROWE, MATHEW DENNIS 2,968,953
ROWE, MATHEW DENNIS 2,969,234
ROYAL HOLLOWAY AND BEDFORD NEW COLLEGE 2,953,187
RUBINSTEIN, DAVID 2,961,670
RUBIO GIVERNAU, JOSE LUIS 2,964,288
RUSALI, RUDY HARYANTO 2,960,081
RUSH UNIVERSITY MEDICAL CENTER 2,969,228
RUST, MATTHEW HOWARD 2,969,316
RUST, STEVEN 2,967,118
RUTSTEIN, MARK D. 2,961,295
RUTTLEY, DAVID J. 2,968,844
RXI PHARMACEUTICALS CORPORATION 2,969,590
RYAN, STEPHEN 2,965,188
RYDER, JOHN C. 2,969,126
S&C ELECTRIC COMPANY 2,969,546
S.I.P.A. SOCIETA INDUSTRIALIZZAZIONE PROGETTAZIONE E AUTOMAZIONE S.P.A. 2,963,164
SAADI, SOUHEIL 2,960,919
SABELLI, ANTHONY J. 2,969,534
SABHERWAL, AMIT 2,960,562
SACHSENMEIER, KRIS 2,967,118
SAFRAN AIRCRAFT ENGINES 2,965,396
SAFRAN POWER UNITS 2,965,086
SAGAR, AMOD 2,959,221
SAINT-GOBAIN GLASS FRANCE 2,962,211
SAINT-GOBAIN PLACO 2,967,522
SAINT-GOBAIN PLACO 2,967,523
SAINT-GOBAIN PLACO 2,967,524
SAINT-GOBAIN PLACO 2,967,527
SAKAMOTO, STEPHEN 2,968,941
SAKSENA, ATUL 2,965,534
SAKURAZAWA, CHIHIRO 2,968,940
SALBATO, JARED 2,969,609
SALEEM, SYED KHUSRO 2,968,883
SALEM, YANIV 2,968,790
SALLA, RAJENDER 2,969,522
SALOMAN, CHRISTOPHER 2,964,028
SAMEC, JOSEPH 2,965,276
SANCHEZ ABELLA, LAURA 2,965,561
SANCHEZ, JAMES S. 2,965,510
SANCHO, PAULA 2,958,107
SANDVIK INTELLECTUAL PROPERTY AB 2,967,083
SANKARARAMAN, SANDEEP 2,963,290
SARAGOVI, URI H. 2,968,995
SARDESAI, NIRANJAN 2,969,214
SARGENT, CAROLYN YEAGO 2,966,197
SARPAL, DEEPAK K. 2,969,425
SASOL GERMANY GMBH 2,962,477
SATO, HIDENORI 2,969,195
SATO, MASAAKI 2,969,088
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC 2,968,842
SAWADJOON, SUPAPORN 2,965,276
SBD APPAREL LTD 2,965,083
SCADDING MOIR, ROBERT 2,964,855
SCAGLIA, SERGIO 2,965,094
SCAGLIOLA, GIOVANNI 2,966,799
SCALE PROTECTION AS 2,969,313
SCARLESKI, WILLIAM J. 2,969,116
SCHAFER, AUGUST WILHELM 2,965,580
SCHAFER, DIRK 2,967,082
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